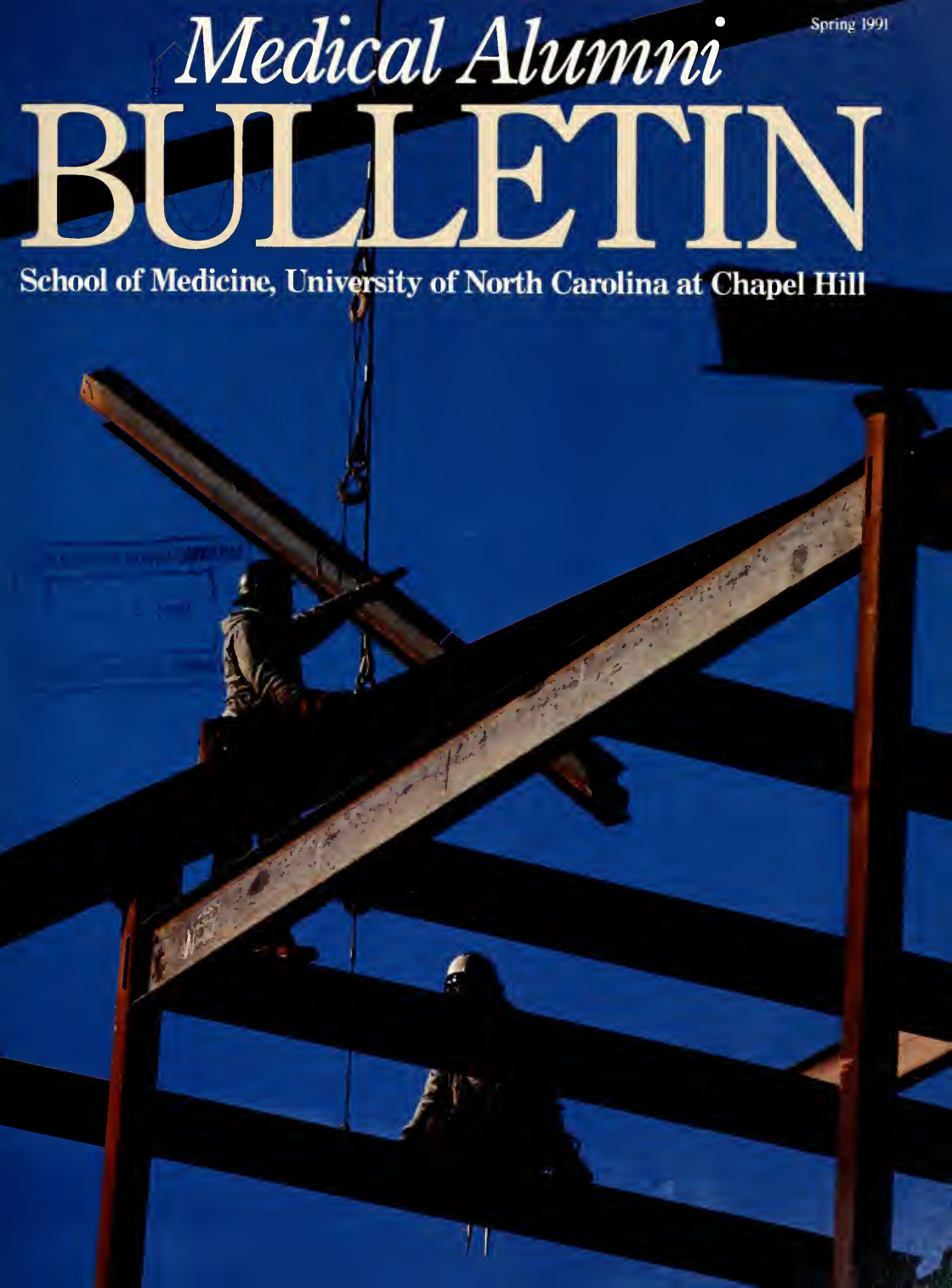
Spring 1991

Medical Alumni BULLETIN

School of Medicine, University of North Carolina at Chapel Hill



Dean's Page

One of the most distinguished characteristics of our Medical School has been its success in admitting and graduating outstanding black men and women. One of the high points of the year for all of us, and especially for our black students and faculty, is the Lawrence Zollicoffer Lecture, which was held this year on February 1. This Lecture, held annually since 1980, honors Dr. Lawrence Zollicoffer, the fourth black graduate of our Medical School, who was a physician of the highest standards practicing pediatrics in urban Baltimore at the time of his death 15 years ago. Zollicoffer Lecturers visit for several days and spend a great deal of time with our students. They have been, without exception, distinguished black leaders in American medicine who have contributed personally and in important ways. They have been an inspiration to all of our students and faculty and, most especially, to our black students.

Dr. Janice Green Douglas, whose work on the pathogenesis of hypertension is outstanding, and who is Head of the Division of Endocrinology and Hypertension at Case Western Reserve University School of Medicine, was this year's Lawrence Zollicoffer Lecturer. The Lecture is sponsored by the Student National Medical Association. This year's Co-Coordinators of that Association are Joyce Lewis and Lisa Owens, and the Co-Chairs of the Zollicoffer Lecture were Michelle Moore, Angela Hopkins and Teressa McKoy. Drs. Gregory Strayhorn and Marion Phillips are advisors to the Student National Medical Association and the Lawrence Zollicoffer Lecture Committee. The Lecturer is chosen by the students and is hosted by the students.

Once again this year, the Lawrence Zollicoffer Lectureship was one of the most outstanding events in the School of Medicine. Dr. Douglas shared her personal history, which brought her to the distinguished position she now holds. She summarized eloquently the biology of hypertension, based in considerable extent upon her own work, and she set forth the substantial challenges to medicine and public health in the effort to reduce further the toll of untreated hypertension.

The Zollicoffer Lecture has special meaning for our black students and faculty. Beyond this, it also has special meaning for the School of Medicine as tangible and continuing evidence of our commitment to welcome and support all of our students, black and white, and to welcome the support of our students in sustaining an environment that inspires and furthers personal professional growth. I want to express my personal appreciation to Drs. Gregory Strayhorn and Marion Phillips for their long-standing and thoughtful support of generations of black student leaders, who have made the Zollicoffer Lecture such an important part of our academic life.

Stuart Bondurant

Stuart Bondurant, Dean

Medical Alumni
BULLETIN
School of Medicine, University of North Carolina at Chapel Hill

Alumni Publications

Let Us Hear From You

I want to keep in touch with my classmates. Here is my news for the Class Notes section.

Name _____

Degree _____ Year _____

Address _____

City _____ State _____ Zip _____

Position or title _____

News _____

_____

_____

Check if new address ☐ Effective _____

Michael A. Wagoner,
Managing Editor

Beverly B. Thompson,
Associate Editor

. . . 2
. . . 5
. . . 8
. . . 10
. . . 13
. . . 16
. . . 18
t Cover
. . . 20
. . . 24
Faculty Notes 25
Class Notes 26
Alumni/CME Calendar 28
President's Letter . . . . . Inside Back Cover

On the Cover

Now under construction, the UNC Ambulatory Care Center is expected to be ready for occupancy in the summer of 1992. The $18 million facility will contain 130,000 square feet of floorspace and is designed to accommodate about 250,000 patient visits per year. The building is located at the corner of Mason Farm Road and South Columbia Street. *(Photo by Dan Crawford)*

The *Medical Alumni Bulletin* is published four times annually by the University of North Carolina at Chapel Hill Medical Alumni Association, Chapel Hill, NC 27514. Postage is paid by the non-profit association through U.S. Postal Permit No. 24. Address correspondence to the editor, Office of Medical Center Public Affairs, School of Medicine, CB #7600, University of North Carolina, Chapel Hill, NC 27514.

UNC's Pioneer In Knee Replacement

By Val Lauder

Football and basketball fans have winced more than once when a key player suffered a knee injury, and subsequent medical reports and surgery have often made headlines. But knee surgery these days is no less important—or life-restoring—to thousands of men and women with severe arthritis.

An estimated 150,000 knee replacements are now done in the United States annually, and Frank C. Wilson, M.D., professor of surgery and chief, Division of Orthopaedics, in the University of North Carolina School of Medicine, has been one of the pathfinders in the development of this procedure.

In the 1950s and early 1960s, knee replacement had been performed worldwide in a very limited number of cases — usually with poor results. But Wilson believed that better outcomes were possible with improved surgical technique and better measures to prevent infection. Work he did in New York and then at UNC in the early 1960s culminated in a seminal scientific paper in 1972 that was perhaps the first U.S. signal that total knee replacement was safe and effective.

Wilson's original study now includes over 300 knees and four generations of prosthetic design.

At the Golden Jubilee Celebration of the Karolinska Institute in Stockholm last spring, Wilson presented an update of the study that had been presented to the American Orthopaedic Association June 28, 1972. Looking back on the early work today, Wilson says it "opened the door, because they were carefully controlled studies and showed these procedures could be performed without the high complication rate that had followed knee replacement in other series."

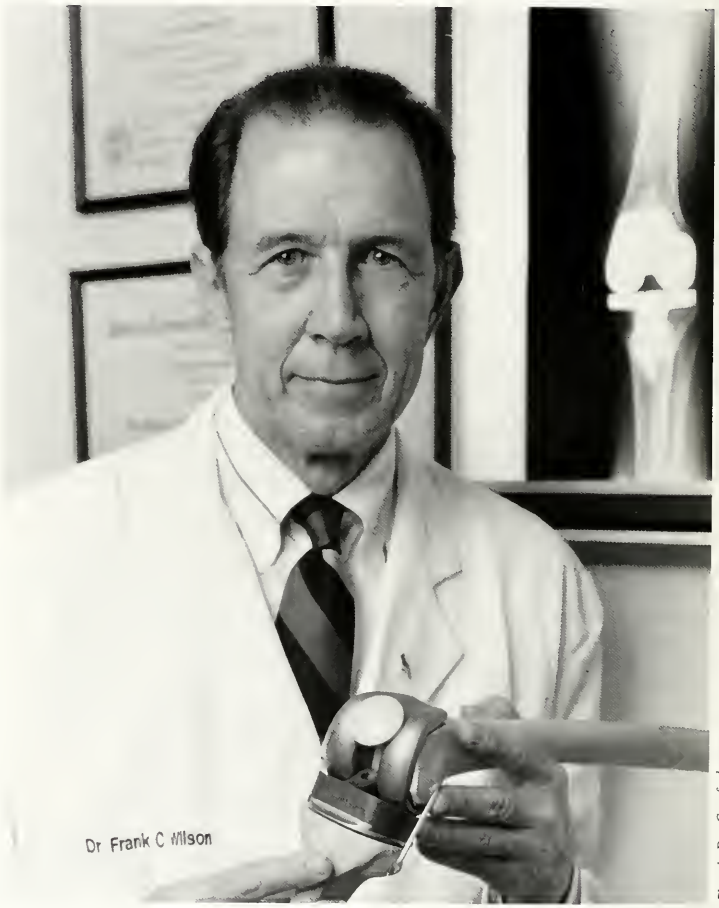


Photo by Dan Crawford

Frank Wilson, M.D., demonstrates the placement of the Insall-Burstein knee prosthesis, the fourth generation of knee prostheses he has used to help patients through joint replacement surgery.

A major problem in the design of knee prostheses has been "achieving an appropriate balance between mobility and stability," Wilson explains. "In other words, the knee should flex and extend but should not bend from side to side. Achieving greater flexion and extension often entailed more undesirable side-to-side movement or instability."

That and other problems had plagued efforts at knee replacement dating back to 1861. It was in 1951, however, that the modern era of joint replacement began.

"There had been other attempts at what we call arthroplasty, which is a general term meaning to make movable joints, going back almost 150 years," Wilson says. "They began by simply excising or removing defective joints and allowing scar to form to provide stability. However, these procedures did not usually produce enough stability to allow unassisted weight-bearing on that limb.

"In the early part of this century, a few surgeons tried interposing various materials between the bone ends after excision, which provided a smoother articulation but still did not achieve a proper balance between mobility and stability. This failure led to the development of prosthetic joints, with built-in control of movement and stability."

In September 1951, in Stockholm, Bjorge Walldius, M.D., did the first knee replacement with a hinged prosthesis made of metal and acrylic. That same year, the first total hip joint replacement with metal was done in the United Kingdom. "So 1951 was an epochal year in the development of joint replacement," Wilson says. "These people opened a window that enabled us to see something we had never seen before."

As a fellow at the New York Orthopaedic Hospital in 1962, Wilson assisted with the insertion of a Walldius prosthesis by Professor Sten Friberg, M.D., surgeon-in-chief of the Karolinska Institute, who had assisted Walldius with his first knee replacement operation. As a result, when Wilson came to North Carolina in 1963, he had first-hand experience with the Walldius knee.

However, a study by Herman Young, M.D., of the Mayo Clinic that appeared that year "discouraged knee replacement in the United States," Wilson says.

"But having become familiar with Walldius' work through Friberg, and having seen that it could work, I felt it was still a reasonable undertaking, despite the negativism that surrounded Dr. Young's report.

"Also, we had a number of patients whose knees had been destroyed by rheumatoid arthritis who were unable to walk or could walk only very short distances with crutches. They were patients whose pain was a particularly dominant feature.

"We had tried non-operative methods, which didn't work. The pain was still there, and the deformity recurred rather promptly. Obviously, amputation wasn't a good answer, so we were left either with fusing the joints or some procedure that would get rid of the damaged joint but retain the motion.

"Since rheumatoids usually have disease in both knees, fusion is not a good alternative because with two stiff knees you can't even step up on the curb. So, we saw replacement as the only useful option.

"We started doing Walldius knee replacements in 1964, performing the first one in March. We were very conservative, and we set up the parameters of the study in advance. The only people we operated on were those who were severely disabled and had complete joint destruction. We planned the operative technique with particular attention to measures that would prevent infection. We felt that if we could avoid wound complications, the results would be acceptable. And they were.

"Since rheumatoids usually have disease in both knees, fusion is not a good alternative because with two stiff knees you can't even step up on the curb. So, we saw replacement as the only useful option."

Frank Wilson, M.D.

"But we were very careful in our selection of patients. We did not replace any knees that were not totally destroyed, or operate on patients who were not extremely disabled by the arthritis in their knees. We replaced 16 knees between 1964 and 1970 and followed all of the patients very closely.

"The 1972 article was, I think, an encouraging report, as opposed to Dr. Young's report in the '60s. It stimulated other investigators to look again at knee replacement."

Different types of prostheses were developed, which "was fortuitous," Wilson notes, "because after we got through the wave of rheumatoid patients who were so severely disabled, there was another group of patients with osteoarthritis who were not as disabled, whose disease often affected just one knee. In some, we simply replaced the joint surfaces—a surface replacement—rather than taking away a lot of bone."

Today, with the progress that has been made with synthetic materials, there is not much interest in transplantation of human joints, in part because of the wait for donations; also, the likelihood of synthetic knee joints lasting as long as they are needed is good. "Our average follow-up is approaching 10 years, and some have been followed over 20 years."

Today, too, patients can look forward to quick recovery. A typical patient "will have his knee moving the afternoon after surgery in a continuous passive motion machine. It moves very slowly and quietly, pain is minimal, and motion is regained sooner."

Patients usually leave the hospital in 10 days now, whereas in the 1960s patients were hospitalized almost five weeks. "Within a week patients are usually walking," Wilson says, "although still on crutches. They're encouraged to use at least one crutch or a cane for about three months. Ultimately, most patients walk independently and without significant pain or limp."

Wilson's early studies encouraged similar studies in other institutions.

"We needed firm data on the results because we knew it would be necessary to overcome previous negativism in this field," he says. "Prospective clinical research is much more valid and meaningful than retrospective studies, in which key information is often unavailable.

"By having one major investigator, the data were recorded in the same way and maintained. We have a separate record book on each patient who has had a replacement. The continuity and the prospective nature of our study made it particularly valuable.

"As far as I know, the 1972 study was the first in the United States to say to orthopaedic surgeons that this procedure was feasible; that replacement was an effective answer to a problem that had not had a very good answer in the past.

"We had no infections in our group of 16, which was a very important outcome determinant, so we saw no reason why this procedure could not be used on a wider scale.

"I think our role was perhaps to show—in this country, anyway—that these procedures were beneficial."

Wilson recalls a surge of interest in knee replacement after 1972. "At this institution alone, we've now done close to 600 replacements.

"For awhile it seemed as though every orthopaedist was going to develop his own prosthesis," Wilson smiles. "The medical roadside is littered with many of these different designs. A few of them worked and have survived, but most of them did not function as well as the Walldius knees.

"We used the Walldius prosthesis until the mid-1970s. About that time another group developed what was called a geometric prosthesis. The design features of that knee entailed less sacrifice of ligament and bone. We were beginning to feel we didn't need as much prosthesis as the Walldius because the knees were not as badly damaged, so for two or three years we used the geometric prosthesis; however, we were not satisfied with the early results, and in 1977 we switched to the total condylar prosthesis, which was developed in New York. We used this prosthesis almost exclusively until 1988 and were generally pleased with the results.

"Now we have moved on to the Insall-Burstein knee, named after its two inventors, which corrects some of the small problems still remaining with stability.

"That's where we are now. We've really come through three generations of knee replacement here and are working on our fourth, which promises—theoretically, and based on early results—to be the best.

"And we are getting better results now than we did then. We tend to attribute that to advances in prosthetic design and surgical technique, but part of the reason is that we're dealing with patients who are less severely disabled. In other words, the better you are at the start, the better you are at the finish."

Wilson particularly remembers one of his early patients— "She was the second patient we did here, back in the 1960s" —a 38-year-old woman, with five children, who had not walked in three years. She had developed rheumatoid arthritis about 10 years earlier.

"We replaced both of her knees, and she walked down the aisle of her church the first Christmas after that. She was a very religious person, and attending church was important to her.

"She was able to go fishing with her children, keep house, go shopping and enjoy the children growing up. She was never, I suppose, completely symptom-free, but she was enormously improved in her functional capacities.

"She was one of the early ones," Wilson says. "The others don't stand out as much."

But he's clear on one thing. "Almost all say it's made a dramatic difference in their lives."

Because of Frank Wilson and the other pathfinders. Because, too, as he puts it, "The technology, materials and methods of evaluation have come together.

"Certainly there have been advances in our understanding of how the knee works, how the different parts of it function separately and together. We have better materials, surgical techniques and instrumentation—all of which have improved our results—and probably will continue to do so."

"We've . . . come through three generations of knee replacement here and are working on our fourth, which promises—theoretically, and based on early results—to be the best."

The Doctor Who Makes (White) House Calls

By Beverly B. Thompson

For three years now, Army Col. Lawrence C. Mohr Jr., M.D. '79, has had his hand on the pulse of the White House, literally.

As the chief military White House physician, Mohr heads a medical team of two physicians and five nurses that is responsible for the medical care of some of the most powerful people around—namely, President George Bush, his family, Vice President Dan Quayle, and some 2,000 employees whose working address is 1600 Pennsylvania Ave. It's an awesome job, said Mohr, but not awe-inspiring.

"I've never really been awed because the people here are wonderful, real, regular people. Maybe amazed is a better word. It is a unique experience to be able to do this (practice medicine in the White House) and see how the government works at the highest level. But after all, my purpose is to practice medicine—to be a physician," said Mohr, who also works with Burton Lee, M.D., the president's civilian physician.

And it's obvious that White House personnel appreciate his dedication. "Do you want me to describe how I feel about Dr. Mohr?" Bonnie Newman, special administrative assistant to President Bush, volunteered. "He's the Marcus Welby, M.D., of the White House; he can fix anything," she said, comparing Mohr to the fictional television doctor.

Appointed as a White House physician in July 1987, during the second term of President Ronald Reagan, Mohr, 43, has no illusions about his job. But does he ever get a twinge of excitement knowing that he is responsible for the care of the most powerful man in the world? Not really. "My focus is very clear, to provide the best possible

Photo by David Valdez, The White House

Lawrence Mohr Jr., M.D., White House physician, at Kennebunkport with President George Bush.

health care for the president and first lady under any circumstances, anywhere in the world. The most important thing for me is to maintain my focus and skills as a physician."

In fact, Mohr is uncompromisingly focused. The picture becomes clearer as he explains how his road to the prestigious White House assignment began in the most unlikely of places—Vietnam, where he served as a combat artillery officer in 1968 and 1969. For the Staten Island, NY, native, it was a very introspective and eye-opening experience that gave direction to his young life.

"I was there during a very intense period of the war. The organization that I served with saw some very intense combat at that time. All of that had a major impact on the way I looked at the world afterward—in terms of the value of human life and the importance of each human being's potential. I can say that I certainly learned a sense of duty, service and responsibility." It was then, Mohr said—after two years in Vietnam, and numerous military decorations, including a Silver and four Bronze Stars, and the Purple Heart—that he decided medicine would be his calling.

After his tour of duty, Mohr returned to North Carolina, where he had earlier commanded Airborne troops at Fort Bragg. In 1971, at the age of 24, he enrolled at the University of North Carolina. After receiving an A.B. degree with the highest honors and being elected to Phi Beta Kappa, he was accepted by the UNC School of Medicine in 1975.

He says his Chapel Hill experience was "the best time of my life, unequivocally, even better than this (referring to his position at the White House). I think my whole experience at the University of North Carolina was one of tremendous growth. It was really the best and most important time in my life."

As he reminisces about his years in medical school, professors and classmates tend to stand out most in Mohr's mind. "The people I remember most, in terms of in-

Photo by Susan Biddle, The White House

Dr. Mohr attends to a presidential abrasion.

terpersonal contact, were the professors with whom I had clerkships: Drs. John Parker, William Mattern, Stanley Mandel, Newton Fisher and Axalla 'Zel' Hoole. I also have very warm memories of our class advisors, Drs. James Bryan and Noel McDevitt."

Mohr went on from Chapel Hill to complete an internship, an internal medicine residency and a fellowship in pulmonary medicine at Walter Reed Army Medical Center in Washington, DC. From 1982 to 1983, he served as chief resident in the department of medicine at Walter Reed. After a short stint as Command Surgeon of the 9th Infantry Division Support Command at Fort Lewis, WA, Mohr returned to Walter Reed in 1984 as attending physician in the department of medicine and assistant professor of medicine at the Uniformed Services University of the Health Sciences, the military medical school.

Three years later Mohr was tapped for the position of White House military physician, after being nominated by senior military personnel. Mohr fondly looks back at his introduction to President Reagan, after being interviewed by White House Chief of Staff Howard Baker, John Hutton, M.D., President Reagan's personal physician, and several other officials, saying that "he seemed to be pleased for me to join the White House staff and he greeted me very warmly."

Mohr admits, though, that occurrences years preceding his arrival, when the White House Medical Unit had undergone criticism for the handling of President Reagan's health care, had a lasting effect on the way medical care is provided to the president today.

"Taking care of the president is a very important responsibility, and one of the things that is so important in dealing with the president of the United States is to ensure that he gets the same quality of medical care, delivered in the same way, that any patient would get—there are no short-cuts and no exceptions," Mohr emphasized. "The only thing we provide to the president and first family that the average patient doesn't have is access. We do ensure that they have very rapid access to take care of any problem that might develop," said Mohr.

That point was proven the weekend of January 12, when, while at Camp David, Barbara Bush broke her leg while sledding with her grandchildren. Mohr was right there on the scene. In fact, he or one of the other three White House physicians, is always with the president to administer or coordinate his health care, "whether it's a cut on the finger or something more serious" —no matter where they are.

A vital part of that coordination has Mohr traveling around the world—from its remotest corners to places making daily headlines. He has already been to Saudi Arabia twice, the first time in October to meet with health and hospital officials and the second time in November, to accompany the president while visiting the troops.

"We spend a lot of time developing very detailed medical contingency plans for every place that the president goes, both abroad and domestically. We make sure that all the necessary medical and surgical equipment are available to the president. So if he does become sick or is injured, nothing is left to chance. We know exactly where the president is going to go and who will be involved in his care, and we ensure that all the necessary security precautions are taken at the hospitals."

"We spend a lot of time developing very detailed medical contingency plans for every place that the president goes . . . We make sure that all the necessary medical and surgical equipment are available to the president. So if he does become sick or is injured, nothing is left to chance."

Lawrence Mohr Jr., M.D.

When traveling with the president, Mohr always carries a well-stocked portable apothecary and cases that contain state-of-the-art medical equipment. And he occasionally has to take along additional baggage—a supply of water and blood, when the safety of either can't be assured in a foreign country.

Although it seems that Mohr has all the answers when it comes to the president's health, it doesn't mean that he'll always answer the questions. He says that his most asked questions are specific ones about President Bush's health.

"When situations arise, such as detection of the president's glaucoma, or when he had an inclusion cyst on his finger that needed to be operated on, we do issue press releases, indicating what the problem is and what treatment is being given for it. That certainly satisfies the public's right to know, the public's need to know. But under no circumstances do I discuss with anybody the health or the health care of the president. It's not something that should be talked about."

Mohr agrees, though, that his position puts him in sort of a "Catch 22," where he is responsible to the public as well as to the president. "We have a very real responsibility to people of our nation. But our primary obligation is to provide the very best possible medical care under all circumstances, and part of providing medical care involves doctor/patient confidentiality. If you violate that basic principle, then you've violated an important part of the practice of medicine."

Taking care of the president and the White House staff is a demanding job and Mohr says each day is different. (The day before this interview, Mohr had completed a 17½-hour work day, accompanying the president in a last-minute decision to dine at a Chinese restaurant in Arlington, VA.) He does though, find time for academic pursuits. He still teaches internal medicine, physiology, pharmacology and monitors several research projects at the Uniformed Services University and at Walter Reed.

Mohr also is interested in the effects of high altitudes on the body, namely the physiology of mountain climbers. It's no surprise then that he enjoys mountain climbing in his spare time—he's seen the peaks of Mount McKinley, Pikes Peak and Mount Rainier.

At such a typical breakneck Washington pace, everyday, how long does Mohr plan to continue making house calls in the White House? He says he hasn't discussed his plans with his wife, the former Linda Johnson, of Evergreen, his daughter, Andrea, or the president. But he says confidently, with autographed photos of Presidents Reagan and Bush peering over his shoulder, "no one comes to Washington with intentions of staying forever. I'd eventually like to get back into academic medicine full time. I don't know where—maybe at Walter Reed. But who knows, maybe I'll wind up back in Chapel Hill. I'd sure like that."

Copeland Assumes Medical Foundation Leadership Responsibility

James L. Copeland became the executive director of the Medical Foundation of North Carolina, Inc., last September, succeeding Everett B. Nordstrom, who has retired.

School of Medicine Dean Stuart Bondurant said, "We are delighted with Jim Copeland's decision to come to Chapel Hill. He has a wealth of experience that will assure the upward growth and progress of the program here. We are expecting great things; his enthusiasm for the task is enormous and contagious."

Prior to joining the University in Chapel Hill, Copeland served 17 years in various fund development positions with Baylor College of Medicine in Houston, TX. His most recent assignment was as director of development and alumni affairs.

During his tenure at Baylor, annual private support of the medical school more than quadrupled to nearly $25 million.

Copeland is a graduate of Hanover (IN) College and received his M.B.A. degree from Indiana University.

He has additional experience as an administrator at Hanover College and as a vice president with a regional supermarket chain in the Midwest.

The Medical Foundation is a corporation separate from the University, chartered to raise and manage funds to benefit the UNC School of Medicine and UNC Hospitals.

Following is an interview with James L. Copeland.

Alumni Bulletin: What exactly attracted you to this position at UNC?

Copeland: First, I'd say the reputation for quality. This University and its School of Medicine are among the top educational institutions in the country. As a fund-raising organization, the Medical Foundation of North Carolina is equally highly regarded. The program has a distinguished history—well-established and successful. I think it also has a glorious future, and I am now privileged to be part of that future.

Bulletin: What are the strengths of the program here?

Copeland: My immediate response is 40 years of quality leadership. The commitment from people like Charles Shaffer, Emory Hunt, Ev Nordstrom, Charlie Powell and many others.

James L. Copeland

Photo by Jay Mangum

I am impressed with the involvement and support shown by the Board of Directors. Hector MacLean (chairman of the foundation board) has been a wonderful asset and I value his expertise. The entire board is extremely loyal and vitally interested. For an executive director, the working relationships here are ideal. It's the kind of climate that affords us every opportunity to continue to grow and expand.

Bulletin: What special interests do you bring to the job?

Copeland: I enjoy what I do. Fund-raising is something I find immensely satisfying. I have a business background and I suppose that has helped me as an administrator.

Bulletin: How would you describe your style of fund-raising management?

Copeland: Collegial, hands-on, participative. I like the team approach to problem solving. In addition to annual objectives, I establish quarterly objectives and priorities. Then, in evaluating results, if you detect that something isn't working, you can adjust, modify or change direction more quickly—refocusing your objectives and perhaps reshuffling priorities, but always increasing the progress toward year-end goals.

Bulletin: What do you see as major program thrusts for the foundation?

Copeland: The office raised $5.7 million in gifts for all purposes in 1989-90. We also manage some $37 million in assets in endowments and what we call current funds. These gifts come primarily from four sources.

Two of these sources are foundations and corporations. Traditionally, this component

of the program has been tied largely to North Carolina-based foundations and companies whose program interests or corporate interests have been similar to UNC School of Medicine interests. We want to maintain these relationships and gradually build on this base, exploring more regional and national affiliations. But major thrusts are also being directed toward two other audiences, private donors and medical school alumni.

Bulletin: Let's talk about the alumni group first.

Copeland: Gladly. There's been strong interest on the part of our medical alumni, and several initiatives are leading the way. Giving levels have never been higher, and much credit goes to Jane McNeer of the foundation staff. Interest has been rejuvenated in the Loyalty Fund with a target of $150,000 this year with 25 percent participation. We've also created a special Loyalty Fund Associates classification for those who contribute $1,000 or more. We are very encouraged with the sense of pride that many alumni, including former housestaff members, are showing toward their school.

Bulletin: What is the status of the new Medical Alumni Endowment Fund?

Copeland: We are about three-fourths of the way toward the initial goal of $1 million. Alumni will be hearing more about this important effort in the months ahead when the endowment board makes its appeal to the general membership.

Bulletin: How about private donors?

Copeland: This is the segment from which we obtain the majority of our funding, those individual citizens who make contributions to the medical foundation. They number in the thousands, and we are exceedingly grateful for their gifts. Collectively, they give UNC the margin of excellence. The Lineberger Comprehensive Cancer Center Campaign, being led by Denise Bittner, and the new Pediatric Services fund, directed by Doris Cheshire, are two current examples of private support funds. These School of Medicine and UNC Hospitals programs benefit from gifts and volunteer leaders across the state.

Bulletin: Is it difficult to persuade people to give money to a state-supported school?

Copeland: "State-assisted" is a more accurate modifier. The UNC School of Medicine obtains about 33 percent of its operating budget from the State of North Carolina. The remaining 67 percent comes from other sources, including research grants and private gifts.

People who went to Carolina are intensely loyal to the University, and they carry this loyalty forever, no matter where they live. You may expect any institution's alumni to behave this way, but the next step is translating this pride into financial support. We've done a good job in the past and hope to do even better in the future.

For much of its history, the UNC School of Medicine has been the state's public medical school, with a mission to serve the health care needs of North Carolinians. This commitment has been strengthened through programs like the AHEC network and the Carolina Consultation Center, and we benefit from a caring population who give generously to continue this proud tradition.

Bulletin: What changes do you envision for the overall fund-raising programs?

Copeland: I don't intend to change a good thing. We may try to enhance an activity or piece of a program. Ed Stahl is a newcomer to our staff who will concentrate on private gifts. We don't have to sell the medical school as much as we need to continue telling the story—perhaps in a louder voice, perhaps more frequently.

There is plenty to talk about—advancements in areas such as cystic fibrosis research, nephrology, arthritis research, surgery and neurosurgery, transplantations, alcohol research studies, children's services, burn treatment, cancer research and radiation oncology, just to name a few.

Bulletin: How are contributions used?

Copeland: As a contributor, you may designate that your gift be restricted to a specific medical or research area or that it be unrestricted to be applied to an area of greatest need. We seek a balance of both kinds of gifts.

Funds may help support programs in a number of ways:

- Endowments for faculty—chairs or professorships.
- Faculty development. It's extremely important to invest in the future of our junior scientists by supporting their research projects.
- Student aid through scholarships and other financial assistance.
- New facilities, improved and expanded laboratories—creating the kind of work environment that attracts the brightest minds and retains the best investigators and clinicians.

Bulletin: What relationship does the medical foundation have with the University's fund-raising programs?

Copeland: We're participating with the University to establish development "recognition clubs" that are well defined. The special UNC Bicentennial appeal will be a major undertaking, and we expect full details to be forthcoming in October. It has been determined, however, that the School of Medicine will be the largest single constituent group of the Bicentennial campaign. Our goal will be in the $47 million range.

The good news is that all gifts we receive during the next five years can be credited toward this goal. Achieving it will be a real stretch for us, so we will be seeking to intensify our campaign to raise everyone's sights. . .and pledges.

Bulletin: Do you have any specific plans on how to go about this?

Copeland: We are moving quickly to expand the volunteer structure and develop a timetable. The science of fund raising boils down to a simple principle: People make giving decisions, and what influences these decisions are other people—not just programs. An individual gives money to the University not because it's an institution, but because he or she knows people who are involved with the University, or has been asked to give by someone he or she knows and respects.

The faculty members who comprise the institution we know as the UNC medical school are the people who can explain what is going on here and why it is worthy of public support. Alumni are playing a similar role in their communities.

Without the active involvement of faculty, alumni, concerned citizens and community leaders who are willing to tell the story, spread the word and take the message to the people, we will never be as successful as we could be.

Having said that, I am looking forward to the celebration of our success.

Managing Clinical Information in a Medical Center

By Beverly B. Thompson

Noted political scientist and author Harlan Cleveland has said that information is our most important and most pervasive resource.

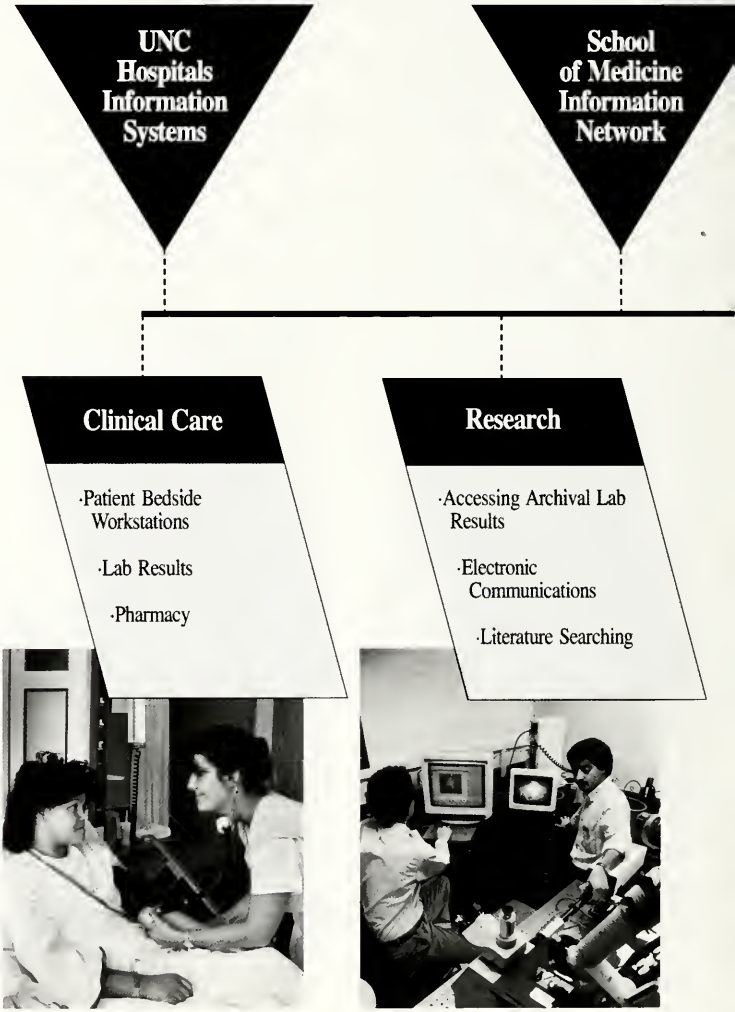
Cleveland, former director of the Hubert H. Humphrey Institute of Public Affairs at the University of Minnesota, has written frequently on the subject of information management. In his book, *The Knowledge Executive: Leadership in an Information Society,* he notes that more than half of all work involves manipulation of information, "gathering facts and ideas, organizing and distributing them as useable knowledge, (and) recombining them into workable wisdom..."

Nowhere is that statement more applicable than in a university medical center. Physicians rely on accurate information to make life and death decisions affecting patient care. Researchers need it to continue to expand the frontiers of knowledge. Hospital administrators need it to maintain and improve quality and cost performance in a competitive health care environment.

University medical centers, by their very nature, are uniquely intensive in their gathering and use of data. Physicians need access to patient demographic, laboratory and X-ray test results data, while at the same time, they should be able to network with various databanks throughout the country.

Like most such centers, the UNC medical center uses a variety of computer systems acquired through various vendors using many different technologies. Rather than toss out expensive hardware, information experts are looking for ways to connect computer systems so that information, formerly used by separate departments, can be shared transparently throughout the medical center.

At UNC, the School of Medicine and UNC Hospitals are working together to provide information system support for faculty,



said Kirk Aune, Ph.D., associate dean for information systems for the UNC School of Medicine. "Most progressive medical schools are taking steps to complement hospital information systems by providing support in areas that involve clinical or basic research. We are enabling faculty to access things like on-line literature searching, clinical systems in hospitals, database networks, and electronic mail," said Aune.

Ultimately, how clinical information is processed or managed has an enormous impact on patient care, said J.P. Kichak, associate director of information systems at the Hospitals.

"By automating different types of clinical data, you're able to provide a better service to the patient, not only to facilitate treatment, but in logistics—getting them where they need to go—and have it be an efficient process. All of his identifying records, including chart and test information, are at the right place. What it gets down to is that better information systems allow hospitals to be better organized. And the direct recipient of that is the patient," Kichak said.

Better patient care, coupled with the fact that hospitals are under pressure to achieve cost and quality improvements have prompted many hospitals to re-evaluate the way they handle information. Hospitals across the country are in various stages of upgrading their informations systems, generally at great cost.

Two main thrusts of upgrades and evaluations are: decentralization of computing and access to information through telecommunications networking. Both are necessary to achieve the effective integration of information processing technologies that has to date, occurred largely in an unplanned and uncoordinated manner.

Medical center information needs can be divided into five areas: administrative, patient demographics, clinical, research and marketing. Sharing this information makes sense from a patient care perspective, according to Kichak, because all are dependent upon the other.

"If you don't have access to patient and clinical data, then you have no market data. You have no way of knowing how well you're doing on some task or clinical procedure versus how well someone else is doing," he said.

And having the left hand know what the right hand is doing benefits hospitals when it comes to meeting third party regulations, said Charles Ayscue, associate director of Hospitals operations and director of fiscal services.

"Utilization review, patient accounting, quality assurance and medical records all share data so they know what the other one has and how they're using it. When that information gets on the claim, or gets into the record, or is sent to the Peer Review Organization for review, you know it's complete," he said.

Medical school faculty also benefits from having access to integrated hospital information, said Aune. "Our information systems not only support medical care, but also the faculty's ability to conduct research by having clinical information deposited into a database where logical and ad hoc information retrieval can be performed."

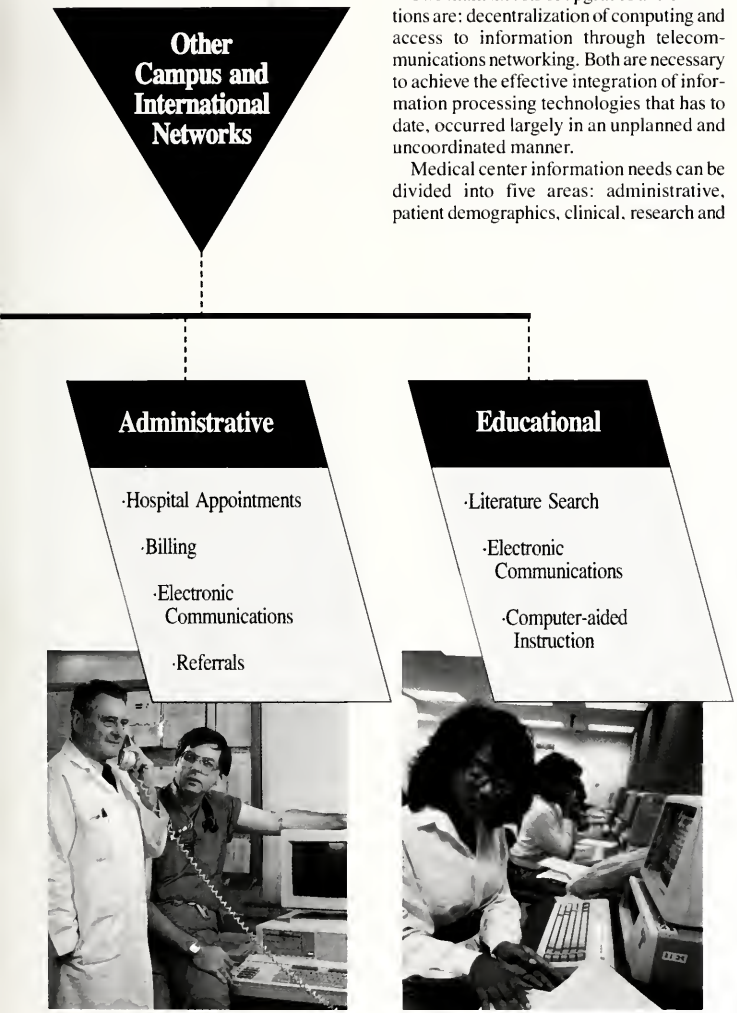
Direct access to large data sets also helps speed up the sometimes lengthy process of gathering patient information for research purposes, said Tim Carey, M.D., assistant professor of medicine who serves on the UNC Hospitals and School of Medicine information systems steering committee.

"Previously there were only two ways to go about collecting information for patients who have a certain disease for a research project. One way was to look at the diagnoses of patients who had been admitted for that and to abstract information. For outpatients, the way we recruited information was to hang little memos on bulletin boards saying if you have a patient with, say, rheumatoid arthritis, give me a call....

"When you computerize patients' diagnoses and link them with patients' chart numbers, you can call up, quite quickly, a list of all patient information for a certain diagnosis and review their charts and see if the patient would be a good candidate for the study. We'd then contact the treating physician to get advice on whether the patient would be appropriate for the study. Hopefully, we could speed up our ability to offer new treatments for our patients."

But how does decentralizing computerized clinical information lead to better care for the patient?

From a physician/researcher perspective, quick access to patient X-ray and laboratory results, electronic ordering and discharge



summaries from the comfort of a terminal at his or her own desk is especially attractive.

Carey described a common scenario.

"A patient may call me up. Say he's having a side-effect from his medication. I'll ask him to identify the medicine and he'll say, maybe, 'the blue pill,' because he may have vision problems or may not be able to read. But I'm not sure what the blue pill is. Instead of asking someone to get his chart, which takes time, or calling him back, I need to be able to assess what medication he's on while I'm talking to him so I can tell him what to do. Now that's a benefit," he said.

Direct order entry/results reporting capability to laboratory and X-ray reduces many manual steps and the potential for error is greatly diminished.

"Order entry becomes especially attractive when physicians have terminals in their offices," said Ayscue. "Doctors can access an inpatient record, review lab data and enter orders directly into the system during a quiet moment between appointments or at the end of the day. This offers real convenience and flexibility to the busy physician."

Capturing essential patient information so that it can be used from any work station also promises new medical support applications, including data analysis and decision assisting capabilities.

"Capturing the data and bringing it together in a usable form will allow us to establish trend lines or standards that physicians don't have available to them today. They can pick up manual records and extract information from several charts and try to assimilate it, but it's not like having all of it available to run what-if scenarios," said Ayscue.

Carey also points out that quick access to patient information assists physicians in the day-to-day activities involving patient treatment. "An electronic system will help us with what I call decision aids. By that I mean if we order an antibiotic for a patient, the computer may remind us or inform us that the patient has an allergy to that antibiotic, or that it may interact with another medication that the patient is on."

It is widely believed that with the additions of new software programs and networking of existing computer systems, the development of an electronic medical record is just around the corner. At UNC Hospitals and many others across the country, some of the primary requisite patient information is already accessible. In fact, UNC Hospitals has already put on-line in about 60 percent of its clinics, a mini-medical record, enabling physicians and nurses to generate a medical record when the patient presents. That one-page record contains patient demographic information, the problem list, last vital signs, as well as some computerized health maintenance reminders.

The mini-medical record is notably beneficial for walk-in patients or in emergencies, Carey said. "In circumstances when the chart is not available, in less than a minute this chart can be generated, and we can get on with treating the patient."

Access is the key to an on-line medical record—having terminals available in ideal locations, like the bedside, nursing stations and in physician offices. Bedside terminals, currently costing about $4,000 per bed, are an expensive proposition for many budget-conscious hospitals, some of which are having to spread out implementing technologic advances over five or six years.

"All of this technology isn't cheap," said Ayscue. "We have to be concerned with balancing information needs and capital acquisition, revenue generating and patient care needs. It's a tough call when you are asked to evaluate the pros and cons of acquiring a laser or a computer system. Both have an impact on patient care."

Making changes slowly may not be such a detriment though, according to some hospital administrators. The health care industry has a large appetite for information, and consequently, the need for better management of information will continue. Decisions made today about health information systems will have an effect 20 years down the road, Kichak said.

"Technology is coming out so fast, we are constantly evaluating how we deploy it. For example, some of the personal computer hardware we have now is sophisticated enough to run like a little mainframe did a few years ago. Every time we get one set in place, it's sort of outdated, because there's something out a lot more sophisticated and allows you to process much more data," Kichak said.

"The health care field is not one that stays put very long, and consequently you end up reviewing all applications you have in place every three years. You cannot sit back and rest."

Medical Center Begins Telecommunications Upgrade

Last year, administrators at the UNC School of Medicine and UNC Hospitals began laying the foundation of a three-phase, $6 million telecommunications plan.

The goal of the plan is to enable faculty, from any hospital or medical school workstation, including their desktop computers, to access the Hospitals laboratory, radiology, pharmacy, and the patient demographic information systems, while also having telecommunications capabilities offered by the medical school.

"Our task was to bring both hospital and medical school systems into the 21st century in terms of information access," said Kirk Aune, Ph.D., associate dean for information systems. "In the past, a laboratory system was that and that exclusively, and contained information only about laboratory transactions. We could not ask questions about how many people between the ages of 30 and 33 had a given clinical laboratory test done, and how it may have related to radiology or other systems assessments. Our direction is toward integrating all of those different systems."

The initial phase of the plan, completed last May, involved connecting the Hospitals mainframe and laboratory systems with the medical school. Administrators are currently in the middle of the second phase, which includes implementing order entry access from nursing stations. The third phase, which will be ongoing, provides for connecting existing smaller, hospital networks and newly purchased computer systems to the Hospitals network. This will enable continual user access to the Hospitals mainframe, the School of Medicine and the laboratory system.

The Hospitals system is supported by two large mainframe computers, a small number of mid-range computers and a growing number of microcomputers. More than 1,000 employees use the systems through approximately 500 video display devices. Also there are about 400 desktop computers not connected to a mainframe.

In the School of Medicine, the Office of Information Systems coordinates information systems and communications needs for some 700 faculty, more than 1,000 staff, 600 medical students and 500 graduate students. Their work is supported by five large mini-computers and about 50 integrated mini-computer work stations.

School of Medicine Editors Lead Important Journals

William W. McLendon, M.D., is probably best known around the University of North Carolina School of Medicine for his investigative and teaching techniques as a professor and as vice chair of the Department of Pathology. But his name recognition extends far beyond the confines of the University. Thousands of pathologists, worldwide, know him as editor of one of their field's leading journals, *Archives of Pathology and Laboratory Medicine*, published monthly, with a circulation of 15,000.

William W. McLendon, M.D.

McLendon is one of at least six School of Medicine faculty who edit major medical and scientific journals.

Such journal editors, who are responsible for the quality and content of their publications, directly influence the distribution of scientific knowledge around the world.

It's a job that requires the ability to make judgment calls, says McLendon, who has served as editor since 1984. "I'm sometimes reminded of the Biblical story of King Solomon, who had to decide to which woman to give the baby. In my case though, I have to make decisions about medical manuscripts that have been reviewed by other professionals in our field.

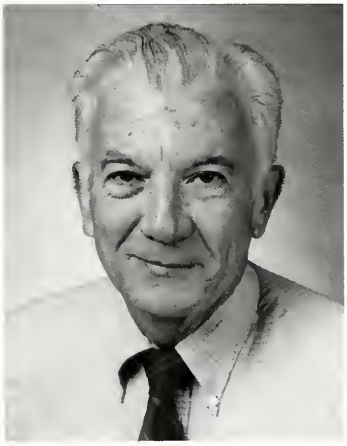
"To a researcher-writer, as with any writer, his manuscript is his baby. I have to decide if the reviewer may have any prejudices concerning the article or if there is a valid point which the writer should re-evaluate. Being an editor sometimes puts a lot of pressure on you to make the tough decisions," said McLendon, who is also chair of UNC Hospitals' Laboratories.

As with most journals, submitted articles are evaluated for scientific quality and accuracy by other experts in the field, a process known as peer review. Serving as an editor, especially of a peer-reviewed journal, is a time-honored and highly-respected academic pursuit, said David R. Perry, associate dean for administration and planning of the UNC School of Medicine.

"Being selected as editor of a journal is a great mark of distinction," Perry said. "It shows recognition of our faculty by professional and scientific peers of national and international stature in their respective fields."

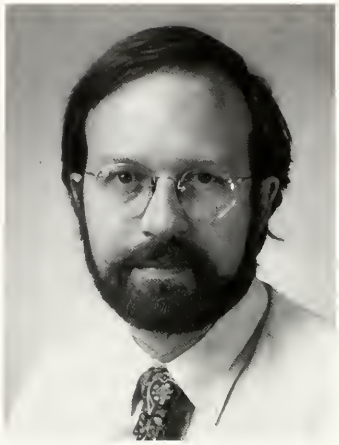
Faculty involvement in scholarly journal production also shows that "we are contributing to activities that are impacting medicine and research locally, nationally and throughout the world," McLendon added. "It puts us on the cutting edge of new developments in medicine and research and offers our faculty chances to interact with leaders in our fields throughout the world."

Joseph M. Garfunkel, M.D., professor of pediatrics, who became only the third editor of the prestigious 58-year-old *Journal of Pediatrics* in 1977, agrees with McLendon. "As editor, the trick is to try to accept manuscripts that position the journal as a leader in our field. Other physicians—in our case, mostly pediatricians—count on us, not only to make the articles relevant, but to provide information that is seen as the cutting edge of clinical as well as academic pediatrics," said Garfunkel, who relocated the journal from the Southern Illinois University Medical School to UNC when he joined the faculty in 1984. He and his three editorial assistants receive about 1,500 manuscripts for consideration yearly for the journal, which has a circulation of 21,764.



Joseph M. Garfunkel, M.D.

John J. Frey, M.D., professor of family medicine, has edited *Family Medicine* for seven years. He has guided the nine-year-old publication from a newsletter to a peer-reviewed journal that is distributed to 5,500



John J. Frey, M.D.

William Droegemueller, M.D.

full-time family medicine practitioners and teachers in 24 countries. Recently, copies of the journal were sent to family medicine educators in the Soviet Union.

"The journal provides other countries an understanding of what we at major U.S. academic research centers are doing in the development of family practice and family medicine education, particularly in the clinical realm," Frey said. "We look at important issues that are part of training and clinical work in family practice."

Many faculty members also serve on editorial boards or as editorial staff members of major journals.

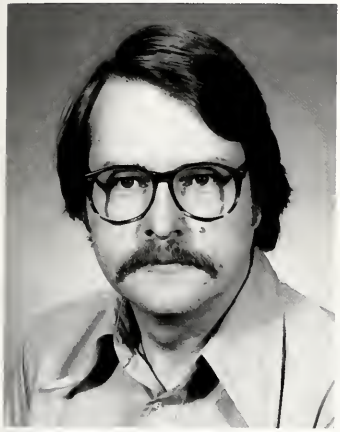
Editorial board members advise the editor on such things as appropriate articles, policy and review of manuscripts. A fewer number of faculty members are associate editors, to whom specific editorial duties are assigned by the editor.

"It's difficult to determine exactly how many faculty members actually work on scholarly journals," Perry said. "It's not a constant number because people go on and go off of boards, but I'd estimate that a fairly high percentage do something associated with a journal."

While most people are familiar with bigger journals such as the *Journal of the American Medical Association* and the *New England Journal of Medicine*, there are more specialized journals. William Droegemueller, M.D., chair of the Department of Obstetrics and Gynecology, has been an

associate editor one such publication, *Obstetrics and Gynecology,* for almost five years.

With a readership of about 30,000 obstetricians and gynecologists, the internationally circulated journal is a flagship publication for the specialty. One of two associate editors, Droegemueller, who decides whether an article is acceptable for publication, says his job is time-consuming but rewarding. "It's definitely an honor to be



Clyde A. Hutchison III, Ph.D.

an associate editor for *Obstetrics and Gynecology,* because it is an important publication for our specialty."

As technological and research advances occur, new journals are arriving on the scene. Clyde A. Hutchison III, Ph.D., Kenan Professor of Microbiology and Immunology, is the North American editor for *DNA Sequence,* a British journal, the first issue of which was published in 1990.

T. Kendall Harden, M.D.

"*DNA Sequence* fills an important niche that hasn't been filled by existing journals," Hutchison said. "As new methodologies and new computer methods for examining structures of genes and chromosomes continue to increase, there is likely to be a real explosion in the research in these areas. The need for this sort of journal is apparent."

Professional schools, including the UNC School of Medicine, encourage faculty to assume editorial responsibilities for journals, Perry said. "It is a very appropriate professional activity and a highly worthwhile academic pursuit to serve as editor or sit on an editorial board of a journal. While, in most cases, it does not financially benefit the medical school or the editor, it does bring prestige to the individuals and to the school."

Frey, who recently received an award from the Society of Teachers of Family Medicine, credits his work on *Family Medicine* for his selection.

Other journal editors at the UNC School of Medicine include: T. Kendall Harden, M.D., professor of pharmacology, who edits

Gordon H. DeFriese, Ph.D.

the *Journal of Molecular Pharmacology;* and Gordon H. DeFriese, Ph.D., professor of social medicine and director of the Health Services Research Center, who edits *Health Services Research.*

UNC Surgeons Present Breast Cancer Patients With Reconstruction Options

By Jon Ross

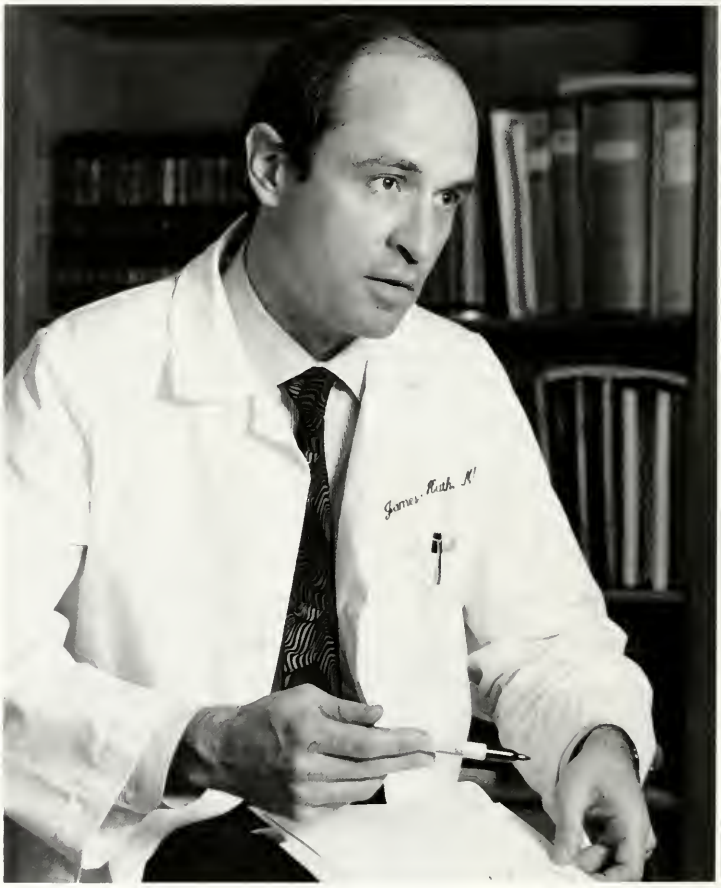
Surgeons at the University of North Carolina at Chapel Hill School of Medicine are offering new reconstructive options to women diagnosed with breast cancer.

The breast cancer program at UNC is an integrated, comprehensive approach that allows treatment to be tailored to the specific needs and desires of the breast cancer patient. For women undergoing mastectomy (removal of the breast) as the surgical treatment for breast cancer, breast reconstruction can often be done at the same time, said Jefferson U. Davis, D.D.S., M.D., assistant professor of surgery and a breast reconstruction specialist.

New reconstruction techniques, as well as a greater understanding of the nature of breast cancer, allow patients more flexibility in choosing treatment options, said James F. Huth, M.D., associate professor of surgery and chief of surgical oncology. "The surgical reconstructive options available to women can help them better handle the psychological and social aspects of losing a breast," he said.

"For both psychological and functional reasons, a woman may consider reconstruction at the time of surgery. If a woman's breast is removed, she may be emotionally upset and saddened about losing her breast. Also, when engaging in routine activities such as exercising and walking, many women experience a sense of imbalance after mastectomy. Breast reconstruction can assist a woman in feeling 'whole' again and help her return to her usual activities."

Huth says that reconstruction cannot eliminate all the problems associated with losing a breast, but it can make a woman feel



James F. Huth, M.D.

Photos by Dan Crawford

better about herself. "Immediate reconstruction can give a woman a more natural feeling in her clothes and thus make a woman's total recovery from breast cancer easier," he said. In the past, surgeons would often remove not only the cancerous breast, but also much of the surrounding chest and muscle wall. The result was often disfigurement, and reconstruction was not widely available in many cases, leaving many women dejected about their appearance and self-image.

"Now, doctors better understand the systemic nature of cancer, and routinely removing large amounts of breast tissue is no longer necessary," Huth said. With less disfigurement and better reconstructive techniques, women can feel better about undergoing surgical/reconstructive treatment, Huth and Davis said.

Most women with breast cancer do not require mastectomy. If breast cancer is detected early, many women need only to have the cancerous area removed, and then undergo radiation or chemotherapy treatments to prevent its reappearance.

Yet, some women opt for mastectomy instead of lumpectomy and radiation. Although radiation can be just as effective as a mastectomy, Huth points out that some women don't want to come to the hospital every day for radiation treatments; they are uncomfortable with radiation. For them, breast removal and reconstruction is preferable.

"Reconstruction can be performed in a number of ways, depending on the extent of the patient's cancer and her medical history," Davis said. Breasts can be constructed from muscle-skin flaps taken from the abdomen, back or buttocks, or can be performed by using implants.

One new reconstructive technique, called tissue expansion, is being performed frequently, Davis said. This procedure involves stretching the normal tissue around the chest with a balloon-like device called an expander. After several weeks, when the skin and soft tissue have expanded enough to accommodate a permanent prosthesis, the expander is removed. This is beneficial to patients who are candidates for this procedure, Davis said, because in some cases it avoids the need to transplant from other unscarred body areas.

Some breast implants have come under scrutiny recently, but Davis said there is no evidence to indicate that they are unsafe. As long as women and their doctors are careful to perform regular follow-up care after implantation and women have regular breast examinations to detect any recurrence of cancer, implants should be perfectly safe, he said.

All these reconstructive options are important for satisfying an individual patient's goals and perceptions after breast surgery. The doctors say that people vary in their response to disease and treatment. Some women want to save as much of their breast as they can; the breast is a part of their identity as a woman. Other women feel more comfortable having their entire breast removed and want a reconstruction that is balanced and symmetric.

Jefferson U. Davis, D.D.S., M.D.

Davis takes exception to the contention that reconstruction is only a "cosmetic" option. "No one would challenge or question the reconstruction of a head and neck defect, or limb or other major body part or organ that was damaged from trauma or cancer. What makes breast reconstruction any different?

"Reconstruction is a personal decision, one that involves a woman's self-esteem and body image," Davis added. "A physician must consider a patient's medical, social and emotional needs. With breast cancer patients, that includes offering reconstruction as an option. That option should be the patient's choice, not the physician's."

Davis credits Anne P. O'Connor, R.N., a surgical oncology nurse, with assisting patients during this time. "She's a pivotal person on the team and coordinates the interdisciplinary care," he said. "Anne takes a personal interest in each patient and is there at a time when a patient needs a friend the most. This sets her apart and also helps distinguish the program here."

Huth and Davis agree that regardless of whether reconstruction is a consideration for a given patient, the key is to detect breast cancer early and provide the most effective treatment as soon as possible. According to the American Cancer Society, approximately one in every nine American women will be affected by breast cancer in her lifetime.

Huth said that public awareness and understanding of breast cancer seems to be increasing, and this is having a positive effect on patients and their treatment. "My impression is that we're seeing women in earlier stages of disease. In many cases we do not have to consider breast reconstruction because breast cancer is being detected at a very early state and a patient can be offered optimal treatment while keeping her breast," he said.

"The total outlook for breast cancer patients—from detection and early treatment to reconstruction—is much brighter," Davis said.

"Reconstructive surgery is just one additional aspect to improve the quality of life for these patients. Mastectomy can be **life-saving**; reconstruction is **life-serving**."

Alumni Office Compiles Geographic Data

The Office of Medical Alumni Affairs has recently completed a long-standing "where are they now?" project to locate all living medical school graduates from the University of North Carolina at Chapel Hill.

"We have records on 4,332 living alumni, counting those who completed the two-year certificate program at UNC prior to 1952 as well as the medical degree recipients who followed," said Stephanie C. Stadler, Medical Alumni Affairs executive assistant. "Our data is as accurate and complete as possible, up through the Class of 1990."

About half of all UNC medical graduates—2,139—are currently residing in North Carolina. "I think this speaks highly toward the professional opportunities in North Carolina and demonstrates a high sense of loyalty that UNC graduates have toward the state," Stadler said.

"The information we have gathered will be helpful in planning the sites of regional alumni meetings and continuing medical educational offerings across the state, because we can see instantly those counties in which we have the greatest concentration of alumni."

Stadler is also coordinating a program to encourage alumni to assist UNC medical students interviewing for residency positions across the country. "The national data will help us match alumni who wish to host or serve as a resource to students who are interviewing with hospitals in their area," she said.

To ensure maximum accuracy, alumni who change addresses are requested to notify Medical Alumni Affairs by calling (919) 962-2118.

UNC Graduates Inhabit All Corners of the Nation

University of North Carolina medical school graduates are on the map in 49 of the 50 United States.

"Our records show that we have at least one alumnus in every state except Nebraska," said Stephanie C. Stadler of Medical Alumni Affairs. Outside of North Carolina, the top four states where UNC medical alumni live and work are: Virginia, 213; California, 207; Florida, 174; and Georgia, 146.

States represented but having the fewest UNC medical alumni are: North Dakota and South Dakota, one each; Idaho, two; and Wyoming, Montana and Rhode Island, three each.

"It doesn't surprise me that I'm the only one you found in South Dakota," said John D. Boyett, M.D. '58. "There aren't very many people in these parts and it suits the hell out of me.

"I've lived in southern California and New York . . . I'm very content to be in this sleepy, little town," Boyett said.

That town is Hot Springs, SD. And it's where, up until a year ago, he specialized in nuclear medicine at the Veterans Administration Medical Center there. Boyett says he is now officially retired, but is involved with a data processing business that is marketing a customized billing form for private practices.

"If you don't count the livestock, the population here is about 5,000," he said.

Painting a picture of a lifestyle in the section of the country where the Badlands meet the Black Hills, Boyett says, "In 10 minutes you can be so far out in the country, the only sound is the wind in the trees and an occasional shriek of an eagle—a bald eagle, that is."

(Lifestyle is an obvious consideration for other far-flung graduates as well. Alexander Kehayes, M.D. '70, lives in Missoula, MT, home of the University of Montana. When contacted at his residence one evening in January, he said, "Can't talk now, I'm about to go skiing.")

Boyett, for one, does intend to return to North Carolina some day. The Albemarle native said: "I'll be back in Tar Heel country in five years, anyway. Why? Mostly because of the quality of medical care. I'm not getting any younger and when I get ill, I want to have found a good doctor."

Within North Carolina, UNC graduates list permanent addresses in 90 of 100 counties.

Orange County has the most with 270, but Mecklenburg (226) and Wake (225) counties are close runners-up.

At the other end of the spectrum, no UNC medical graduates are shown living in a block of five northern coastal counties: Currituck, Camden, Dare, Tyrrell and Washington. Another pocket without apparent UNC representation exists in the extreme western part of the state in the counties of Clay, Graham and Swain. Stokes and Greene are the remaining two counties that appear to lack a UNC medical graduate within their boundaries.

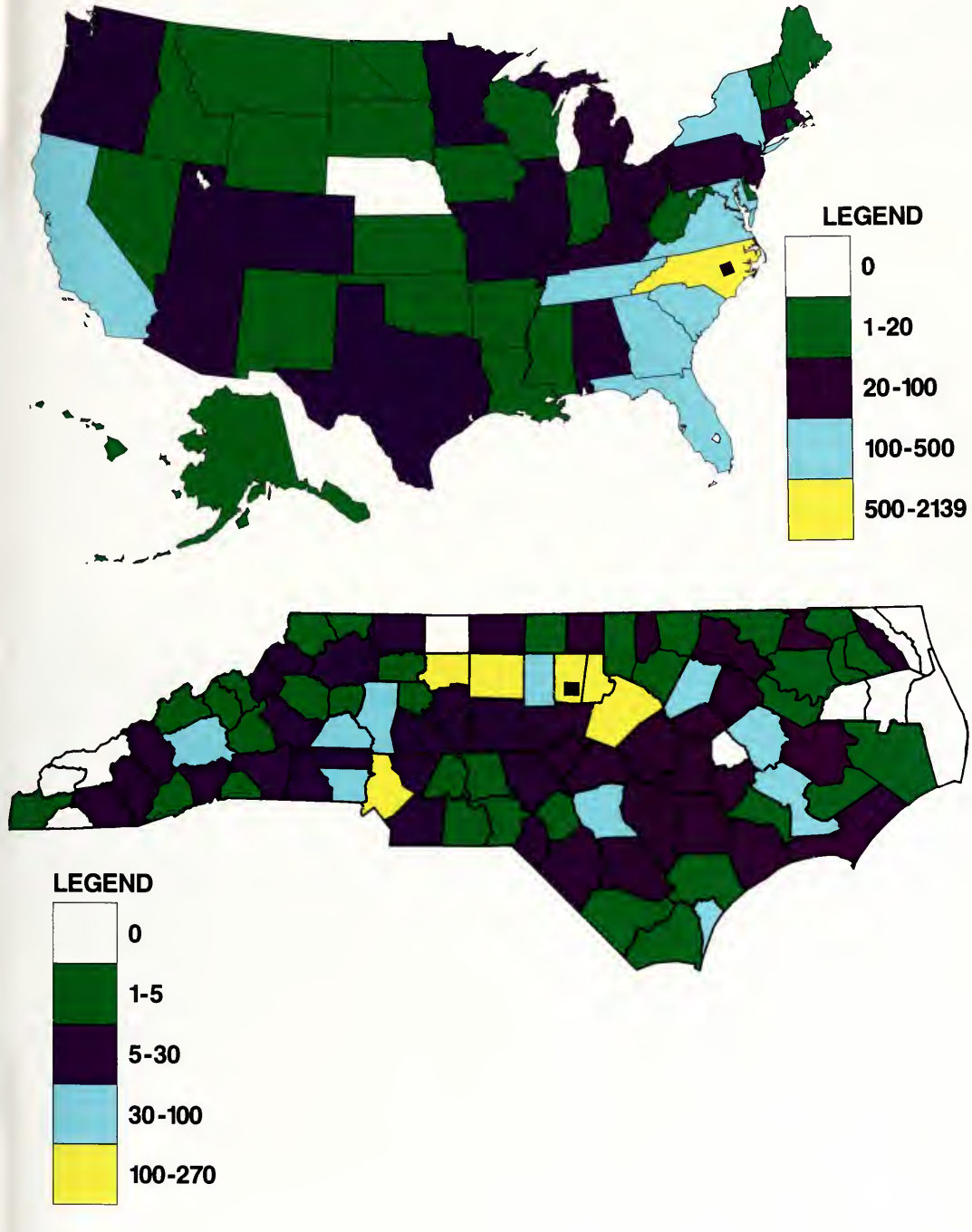
Jack Ashley, M.D. '56, is believed to be the only UNC medical alumnus practicing in Alleghany County. And it's where he's been for better than 30 years, building and maintaining a solo family practice in Sparta.

"I've been very happy here, and we've got a good, little 50-bed hospital (Alleghany County Memorial Hospital). No, I wouldn't change a thing," Ashley said.

He says he has a number of patients "who come down from Grayson County in Virginia, and some from our neighboring counties, Wilkes, Surry and Ashe." He estimates that his practice draws from a population area of 10,000 to 12,000 people.

"I'm not the only one from Carolina up here in the mountains," Ashley said. "A classmate of mine, Dean C. Jones, is a surgeon in Jefferson (Ashe County)—and Garland Wampler is another classmate; he's over in Burnsville (Mitchell County).

"We get down to Chapel Hill every now and again, but we've been trying for years to get more physicians to come our way. We'd love the company."


LEGEND
0
1-20
20-100
100-500
500-2139
LEGEND
0
1-5
5-30
30-100
100-270

News Briefs

Spring Meeting Scheduled

The Spring Medical Alumni Weekend will be April 5 and 6. Highlights of the weekend include:

Friday:

- Continuing Medical Education presentations by members of the Class of 1971. Talks will include, "When Is an Injury Child Abuse?," "Autoimmune Blistering Diseases," "Cystic Fibrosis" and "New Approaches to Fibrin Assembly and Thrombosis."
- John Stone, M.D., of Emory University School of Medicine, will deliver the ninth annual Spicer-Breckenridge Memorial Lecture at 103 Berryhill Hall. Stone, who is professor of medicine and associate dean and director of admissions at Emory, will discuss his recently published book, "In the Country of Hearts: Journeys in the Art of Medicine."
- Distinguished Service and Distinguished Faculty Awards will be presented at the Annual Alumni Banquet at 7:15 p.m., preceded by a reception, at the Morehead Banquet Hall in the Morehead Building.

Saturday

- A presentation of highlights of the year's best CME programs will include: "Update on Anxiety Disorders for the Primary Care Physician"; "Obesity: Can We Make a Difference?"; and "Geriatric Update."
- Spouses and others are invited to tour the newly renovated Ackland Art Museum. New sections include: Art of Ancient Greece and Rome; Art of India; N.C. Folk Art and Pottery; Oriental Art; and Decorative Arts and American Painting.
- Student Skit Night begins at 8 p.m. at Memorial Hall. There is no admission charge.

For a complete schedule of Spring Alumni Weekend activities, call Stephanie Stadler, Office of Medical Alumni Affairs, at (919) 962-2118.

Collins Speaks at Annual Student Research Day

Participation in Student Research Day reached an all-time high, as 31 students presented their research findings to UNC School of Medicine faculty in January.

Dean Stuart Bondurant, M.D., said: "Student Research Day is a clear signal of support for the creative scholarship which is integral to high academic standards. Faculty support, both of student research opportunities and also of presentations, is very important."

Francis S. Collins, M.D., chief, Division of Medical Genetics and Associate Investigator, Howard Hughes Medical Institute at the University of Michigan Medical Center, delivered the Ralph R. Landes Lecture at the awards ceremony. Collins, a 1990 UNC Distinguished Alumnus, led research

Ralph R. Landes Lecturer Francis S. Collins, M.D., with Research Day award winners. They were (from left): First-year student Jorge A. Simental; fourth-year student P. Bradley Brechtelsbauer; and (far right) Sunjay A. Shah, a second-year student.

teams that discovered the genes responsible for cystic fibrosis and neurofibromatosis last year.

Collins, who, as a medical student in the 1970s, won a first place award for his research, praised the student presenters. "To hear the quality of the presentations was just astounding. When I heard the number of abstracts that had been presented, I thought to myself, 'well, that is amazing that they got that many people to participate, but I bet you some of them are going to be half-baked.' But there weren't any that were half-baked. (It was) an astounding output of very solid research and you all are to be much commended. I don't know of any other medical school in the country that produces this number and quality of student research presentations."

Collins commented on how Student Research Day has evolved since he was a student from 1973 to 1977. "There were eight entries, so winning in those days was not too big a deal. You were the guy who showed up and the others sort of chickened out at the last minute. We didn't have a banquet then either. It was all over at 3 p.m. and everybody went home. This is a definite improvement."

Collins, who was taught genetics by

Student Research Day presenters inducted into the John B. Graham Student Research Society included: first row from left, Thomas Haizlip; Andrew Baxter; Esther Lee; Anthony Realini; Frank Frenduto; Jorge Simental; Paige Walend; Elizabeth Creech; and Crystal Duncan. Second row, Lisa Tumey; W. Randal Westerkam; C. Blease Graham; Darrin M. York; Brian Brigman; Walter Morris III; John Garside; W. Perry Killam; and Sunjay Shah. Third row, John Piecyk; Ellison Smith; Joseph "Herb" Harwell; John Burton; Eric Bachman; John Schaberg; Brad Brechtelsbauer; Paul Burroughs; and Scott Schwirck. The society was named for John B. Graham, M.D., Alumni Distinguished Professor of Pathology, who has made several advances in the study of the relationship between genetics and diseases.

News Briefs

Janice Green Douglas, M.D., presented the 11th annual Lawrence Zollicoffer Lecture entitled "Unresolved Health Issues of Women and Minorities: The Link to Career Choices in Academic Medicine." Douglas is a professor in the Department of Medicine and Director of the Division of Endocrinology and Hypertension, Department of Medicine, University Hospitals and Case Western Reserve University, Cleveland, OH. The Zollicoffer Lecture, designed to generate awareness of minorities in medicine, is held in honor of Lawrence Zollicoffer, M.D., the fourth black graduate of the UNC School of Medicine.

Henry Neil Kirkman, M.D., Kenan Professor of Pediatrics and Chief of Medical Genetics, and by John Graham, M.D., Alumni Distinguished Professor of Pathology, says he became interested in genetics and inborn errors of metabolism in the summer between his first and second years of medical school. He said that period

Collins encouraged medical students to use Student Research Day to continue their pursuit of scientific discovery. ". . .The payoff is fantastic. Those of you who have had the experience of doing an experiment and making an observation that nobody ever made before know what I am talking about. It's a totally indescribable sort of high."

Collins also offered encouraging words for those who are at the beginning of their research careers. "Don't worry. It gets better. You learn to deal with the fact that the gel fell on the floor after you've been up all night working with it! I would commend to you one of my favorite quotations from Winston Churchill: 'Success is nothing more than going from failure to failure with undiminished enthusiasm.' And that is certainly true of science, and probably of life, in general."

New Study at UNC Reveals Link Between Natural Painkillers, Silent Ischemia

Researchers at the School of Medicine have found that some patients produce a significantly higher level of natural pain killers known as beta endorphins than others. They say this finding may help to explain why some patients suffer the chest pain called angina while others do not.

Paula F. Miller, M.D., a fellow in cardiology, presented the results of the research at the American Heart Association's 63rd Scientific Session in Dallas, TX. David Sheps, M.D., professor of medicine, and Kathleen C. Light, M.D., assistant professor of psychiatry, were co-authors of the report.

The study involved 50 men and women with coronary artery disease whose electrocardiograms became abnormal during exercise.

More than 2.5 million Americans experience chest pain in response to stress while 3 million to 4 million others are subject to painless, or "silent," ischemia, Miller said.

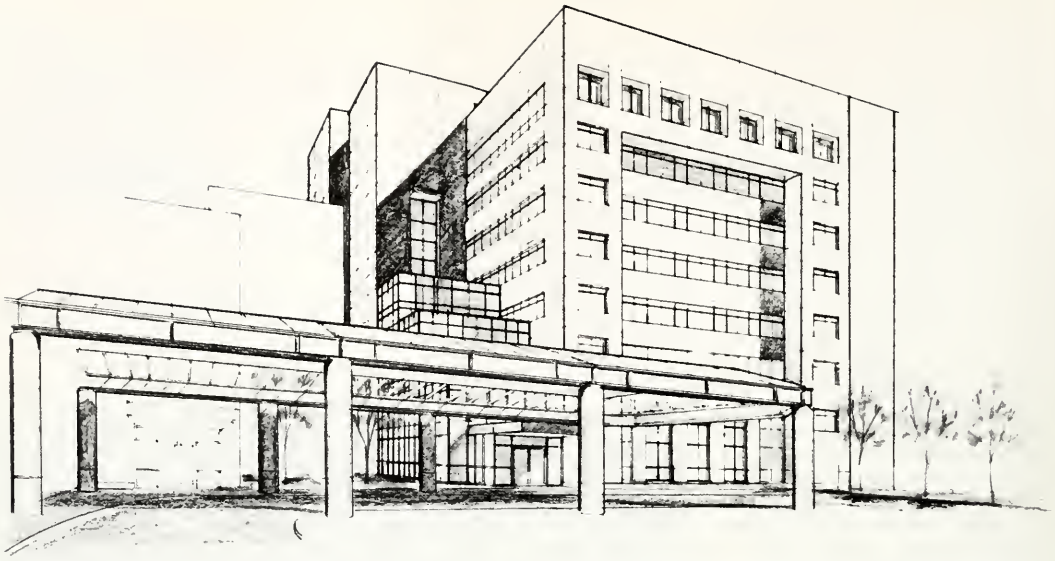
Gift to Endow Lineberger Post

A professorship honoring Hector MacLean, former chairman of Southern National Corp., will be established at the School of Medicine.

Southern National Corp. is making a $250,000 contribution in MacLean's name to the Lineberger Comprehensive Cancer Center for the professorship. "The Southern National Board of Directors wanted to establish a lasting endowment in gratitude for the leadership of Hector MacLean," said L. Glenn Orr, company chairman. "His interest in the Medical Foundation at the University of North Carolina made our choice a natural one."

Orr is a member of the Board of Visitors at the Lineberger center.

Murray F. Brennan, M.D. (left), presented "Management of Adrenal Tumors" as his topic for the Colin G. Thomas Jr. Lecture in Surgical Endocrinology. Here, Murray chats with Thomas, who is the Byah Thomason Doxey-Sanford Jr. Distinguished Professor of Surgery. Brennan is Alfred P. Sloan Chair in Surgery and Chairman of the Department of Surgery at Memorial Sloan-Kettering Cancer Center.



Construction on the new $43.2 million North Carolina Neuropsychiatric Hospital at UNC Hospitals is slated to begin in early 1992. With 100 inpatient beds and units designed to meet the special needs of children, adolescents and adults, the new building will also house outpatient clinics for neurology, neurosurgery, otolaryngology and psychiatry. Various Emergency Service programs, including Carolina Air Care, and Specialized Services such as Medwell and the Sleep Studies Program will also be located there. The helipad will be on the roof of the building. The Neuropsychiatric Hospital will replace the existing psychiatric service in South Wing, which was built in 1954.

Development Office Reports Progress Toward Campaign Goals

Loyalty Fund

Alumni gifts and pledges to the UNC School of Medicine's Loyalty Fund have exceeded $115,000, representing more than 76 percent of the 1990-91 goal of $150,000.

Jane M. McNeer, director of development with the Medical Foundation of North Carolina, said these figures represent commitments received through January 15. The annual campaign runs through June 30.

"The strong response to date is a result of a heightened awareness of the importance of alumni support, and can be directly attributed to the leadership provided by Dr. John Foust and others," she said. Foust (M.D. '55) is national campaign chairman for the Loyalty Fund.

Gifts to the Loyalty Fund support ongoing and continuing student programs as well as activities of the medical faculty and the Medical Alumni Association.

McNeer also reported that the latest results in the special reunion competition between the 25- and 20-year classes show the Class of 1966 with 47 percent participation, compared with 31 percent participation for the Class of 1971.

In North Carolina, alumni living in Mecklenburg County are competing with alumni in Guilford County to see which group can muster the greater participation. Results from both of these special campaigns will be presented on April 5, at the Spring Alumni Weekend Banquet.

Endowment Fund

The Medical Alumni Endowment Fund continues to build toward its initial $1 million goal. The Medical Foundation reports that it has received commitments totaling more than $732,000, as of Jan. 15.

The Endowment Fund will provide funding for faculty and student enrichment programs and is coordinated with the University's Bicentennial Campaign.

Faculty Notes

Anthony A. Meyer, M.D., professor of surgery, traveled to Al Ain in the United Arab Emirates Jan. 8-13. Invited by Ian Leddingham, dean of the medical school there, Meyer taught a course in acute trauma management and stabilization to 14 physicians. The course, aimed at treating civilian casualties, showed physicians how to take care of trauma patients, Meyer said. Al Ain is 80 miles south of the capital, Abu Dhabi.

Meyer

Faculty Receive Awards

Eight faculty members were recently chosen to receive 1991 Junior Faculty Development Awards.

They are: **Larry Johnson, M.D.**, medicine; **Katherine Pryzwansky, M.D.**, and **Frank Church, M.D.**, pathology; **Susan Tucker, M.D.**, and **William Cance, M.D.**, surgery; **Linda Van Le, M.D.**, obstetrics and gynecology; **Stuart Gold, M.D.**, pediatrics; and **Michael Goy, M.D.**, physiology.

The awards, valued at $3,000 each and funded by the UNC Foundation Fund Inc. and International Business Machines Corp., will be used for academic projects during 1991-92.

Kunihiko I. Suzuki, M.D., professor of neurology and director of the Brain and Development Center, has been awarded a four-year grant from the National Institute of Neurological Disorders and Stroke.

The $551,324 grant will aid Suzuki in researching Tay-Sachs disease and related genetic neurological disorders. Suzuki's laboratory has identified seven of the 13 known genetic mutations in Tay-Sachs and the only known mutation in Sandhoff disease. Both diseases cause severe neurological disorders that are nearly always fatal.

Charles P. Friedman, Ph.D., director of the Office of Educational Development, has been named chairman-elect of the Group on Educational Affairs of the Association of American Medical Colleges. The organization includes medical college faculty members and administrators and representatives of professional certification boards interested in medical education.

Friedman

Kenneth M. Brinkhous, M.D., Alumni Distinguished Professor Emeritus, Department of Pathology, presented the first Frank Schnabel Memorial Lecture at McGill University in Montreal, Dec. 5. Brinkhous, an internationally known hemophilia expert, discussed "Hemophilia: An Historical Perspective." The lecture was established to honor the founder of the World Federation of Hemophilia, which includes 71 national member organizations and maintains relations with the World Health Organization.

Robert L. Peiffer Jr., D.V.M., Ph.D., professor of ophthalmology and pathology, was recently installed as president of the American College of Veterinary Ophthalmologists.

Gary E. Peterson, M.D., clinical associate professor of psychiatry and research associate professor of psychology, has been appointed child psychiatrist adviser to the Dissociative Disorders Study Group for the American Psychiatric Association's Task Force on the Development of the Fourth Edition of the Diagnostic and Statistical Manual.

Arthur J. Prange Jr., M.D., Boshamer Professor of Psychiatry, has received a five-year renewal of the National Institute of Mental Health's Research Scientist Award. The $95,000 grant will fund research on "Hormones in Cause and Treatment of Affective Disorders."

Prange

Class Notes

Manning Berryhill Club

Haynes Baird, M.D. '40, is enjoying quail hunting in Charlotte and grouse hunting in Canada. He practices urology in Charlotte.

Robert L. Brickhouse, M.D. '40, extends a special "hello to all." He has retired from internal medicine practice and currently resides in Charlottesville, VA, with his wife, Dorothy.

Abe Conger, M.D. '40, reports he is enjoying working as a medical missionary and, so far, has made 10 mission trips to foreign countries. After 37 years of practicing general surgery, he is now working for the State of Georgia at Regional Mental Hospital & Adult Mental Health in Columbus, GA.

Inez Willoughby Elrod, M.D. '40, is living at Lake Norman. She retired, after 25 years as medical director of Carolinas Red Cross Blood Center in Charlotte, in 1977.

John Graham, M.D. '40, is busy reading and writing and currently has a novel under contract. He is Alumni Distinguished Professor of Pathology and teaches and does research in pathology. Graham and his wife, Ruby, live in Chapel Hill.

H. Lee Large Jr., M.D. '40, has retired from pathology. His interests include amateur radio, computers, reading and attending Rotary International meetings.

Stephen H. Mazur, M.D. '40, lives in Ormond Beach, FL. He retired in July 1986, after practicing anesthesiology in New Jersey, Goldsboro and Williamsburg, VA.

French H. McCain, M.D. '40, says his main interest since retirement in 1977, has been vacationing in Ontario, Canada. The highlight of the year for him and his wife, Ann, is spending each summer there with his four children and 11 grandchildren. They live in Bloomfield, MI.

Lawrence E. Metcalf, M.D. '40, reports he is "developing goofing-off into a fine art without too much umbilical contemplation (classically known as 'contemplating the navel')." He and his wife, Margaret, recently toured France. They live in Asheville.

Sam L. Parker Jr., M.D. '40, says he's considering trading in his lab coat for a pair of overalls, as he is now overseeing a family farm near Kinston. Although he still practices obstetrics and gynecology, he and his wife, Frances, are looking forward to retiring, traveling and spending more time on his boat "The Tru-Luv" on the Pamlico River. They are expecting two grandchildren in April.

John L. Ranson, M.D. '40, retired from internal medicine practice in 1987. He is enjoying gardening, traveling and playing golf. He lives in Charlotte with his wife, Marilyn.

John H. E. Woltz, M.D. '40, retired from the practice of obstetrics and gynecology last July. He and his wife, Leigh, are traveling, playing golf and taking courses in their spare time. He reports that his youngest daughter, Lucy, is in her second year of a psychiatry residency.

50s

James "Ted" Best, M.D. '59, has been elected to the city board of BB&T in Apex. He practices family medicine in Apex. Best and his wife, Marjorie, have three children.

80s

Barbara Butler McPherson, M.D. '83, is completing her last year of National Health Service Corps obligation in family medicine in Newton, AL. She, her husband, Clyde, and their children, Erin, 8, and Jared, 4, report that they miss the four seasons of North Carolina.

Ron E. Pruitt, M.D. '84, chaired a postgraduate course entitled "Flexible Sigmoidoscopy and Early Detection of Colorectal Cancer" during the 84th Annual Scientific Assembly of the Southern Medical Association in Nashville, TN, in October. Pruitt practices in Nashville and has written several papers and lectured to both local and national audiences on gastrointestinal disorders.

Carrey G. Cottle Jr., M.D. '87, is finishing his final residency year at the Medical College of Georgia. He's not sure where he, his wife, Beth, and daughters, Stephanie, Brittany and Erin, will live afterward, but says that Mooresville, NC, and Milwaukee, WI, are in the running.

Gorden Early, M.D. '87, has "retired" from private practice to enter residency in Family Practice. He lives in Denver, CO, and reports that his recent interests include hang gliding and scuba diving.

Bill Sutton, M.D. '87, is completing a residency and applying for a fellowship in sports medicine at the Medical University of South Carolina at Charleston. He sends greetings to all from the Low Country.

Andrea Nowotny Hass, M.D. '87, after completing a residency at Temple University, is looking foward to a two-year fellowship at Wills Eye Hospital. She and her husband of a year, Brian, have recently taken up several new hobbies, their favorite of which is golf. She invites classmates who come to Philadelphia to call her.

Jim Crowe, M.D. '87, has moved to Chevy Chase, MD, with his wife, Lisa, to begin a fellowship in viral immunology at the National Institutes of Health.

Wylie Lowery, M.D. '87, is completing his third year of an orthopaedic surgery residency at George Washington University Medical Center. He reports that he plans to begin a sports medicine fellowship in 1993. He enjoys flying and recently obtained a pilot's license with a commercial and instrument rating. Lowery invites his classmates visiting Washington to ring him up. He lives about six blocks from the White House.

Dave Sheridan, M.D. '87, says he and his wife, Kirby, are enjoying life as DINKs (dual income, no kids). After June radiology oral boards, they plan to move to Cleveland where he'll begin a fellowship in Interventional Radiology at the Cleveland Clinic.

John Mark Bennett, M.D. '87, has joined the Mountain Area Health Education Center faculty in Asheville.

Alene Howard Waller, M.D. '87, is a third-year resident in Family Practice at Chippenham and Johnston Willis Hospitals in Richmond. She and her husband, Richard, who is a neurologist, are enjoying raising their two sons, Colin, 5, and Gordon, 3.

Fleming Mattox, M.D. '87, is spending his last six months of residency as chief administrative resident at Charity Hospital in New Orleans. He and his wife had a son, Fleming Jr., in August.

Stephanie Spottswood, M.D. '87, is completing a fourth-year radiology residency at Vanderbilt University Medical Center. She also has just finalized plans to do a fellowship in pediatric radiology at the Medical College of Virginia in June. In October, she married Lindley Smith, M.D., an ophthalmologist in Richmond.

Melisa Moore Agness, M.D. '87, is in her second year of radiology at Loma Linda Medical Center in Southern California. She and her husband, Mark, recently got a "great new puppy, a black lab, and a new home, and would love any visitors this way."

Melissa Conrad, M.D. '87, has finished a residency in anatomic pathology and is now starting a molecular diagnostic fellowship at Georgetown University School of Medicine.

Jim Edwards, M.D. '87, is enjoying working in child and adolescent psychiatry and living in New England. He says his hours are long, but the people are great. He plans to do some skiing this winter.

Carlton D. Miller, M.D. '87, after spending 400 days at sea as a medical officer in the Navy, has transferred back to Naval Hospital in Bethesda, MD, for an internal medicine residency. He and his wife, Kimberly, recently celebrated their second anniversary and can't wait to return to North Carolina.

Deaths

Ronald G. Michels, M.D. '68

Ronald G. Michels, M.D., died Jan. 15, 1991. He was 47.

He was co-director of the Retina Center at St. Joseph's Hospital in Towson, MD, and a professor of ophthalmology at The Johns Hopkins School of Medicine since 1976. He wrote two medical textbooks and served on numerous national advisory committees.

Michels is survived by his wife, Alice, a son, James, and a daughter, Jeanine, all of Ruxton, MD; his parents, Glenn Michels, M.D., and Jean Michels, of Henderson; two brothers, Dennis Michels, M.D., of Kinston, and Gary Michels, M.D., of Greenville.

CME/Alumni Calendar

Medical Alumni Activities		
April 5-6	Medical Alumni Weekend	Chapel Hill
Continuing Education		
April 12-14	Preparing Family Physicians for the Challenges of Medical Practice in the Year 2000	Chapel Hill
April 24	Third Annual Chamberlin Symposium	Chapel Hill
May 1	May Day Trauma	Chapel Hill
May 1-4	Scatliff Radiology Symposium	Chapel Hill
May 16-17	PALS Provider/Instructor Courses	Chapel Hill
May 17-19	NC Glomerular Disease Network	Chapel Hill
June 6-10	Center for Development & Learning Course for Pediatricians	Chapel Hill
June 17-18	Van Wyk Pediatric Endocrine Conference	Chapel Hill
July 14-19	Recreation Therapy Institute	Chapel Hill

For more information about CME courses or alumni activities, write the Office of Continuing Medical Education and Alumni Affairs, School of Medicine, 231 MacNider, Chapel Hill, NC 27514 or call (919) 962-2118.

President's Letter

ting scarce. The future of the UNC School of Medicine depends more and more on the support of alumni and friends.

Several exciting new programs emerged from UNC Medical Alumni Association efforts. A "Bed and Breakfast" program began in the fall of 1990. Seventy alumni from 31 cities and 21 states offered to host traveling fourth-year medical students interviewing for post-graduate positions. They not only helped cut trip costs, but provided valuable

ıation about programs in various
In addition, they offered another
of personal recommendation for
ts.

Medical Alumni Association and the
Chapter of the AMA-Medical Student
n combined efforts and initiated a
sion series in which alumni are invited
ıpel Hill to discuss private practice
in their specialties and communities.
ıts need and desire this special
ctive at this critical stage in their
development.

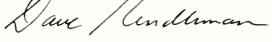
Easterling and the Office of Medical
ıi Affairs staff are working with faculd friends to initiate and coordinate an
d humanities program in the School
licine. They are also working with the
l and University to determine the
l's role in the University's bicentennial
ation.

mni are encouraged to become in-
in these programs and provide ideas
se and other projects. Please feel free
up the phone and contact the staff.
find them very receptive. Call the
na Consultation Center at 1-800-
264 and they will connect you.

ception was held in Charlotte on Nov.
0 for Mecklenburg County alumni. It
ell-received by local physicians and
ttended by Dean Bondurant, Dr. Easterling, myself and Medical Alumni Association staff members. A similar meeting took place in Greensboro on Feb. 20.

Three class campaigns for alumni giving will culminate at the Spring Medical Alumni Association Meeting on April 5 and 6. The classes of 1966, 1971 and 1991 have initiated special drives. A fund-raising goal of $150,000 and 25 percent participation for 1990-91 have been set for the Alumni Loyalty Fund. Many important student and alumni programs are sponsored by this fund including: *FAX* (a student research journal), Loyalty Fund Merit Awards, student orientation, Whitehead Society activities, the Lawrence Zollicoffer and Norma Berryhill Distinguished Lectures, alumni meetings and CME programs and this publication.

It's been a pleasure and an honor to serve as president of the Medical Alumni Association this year. This Association and the scope of its activities have grown geometrically over the past few years. It is important for us to sustain that momentum with your ideas and active support. Get involved. Step forward. The staff welcomes your participation.



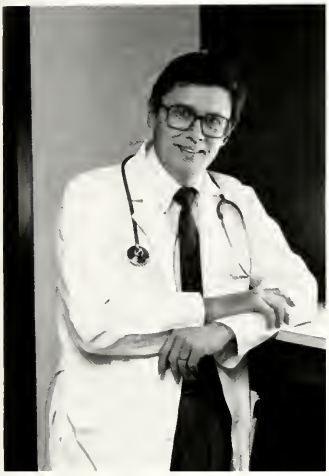
D.A. Rendleman III, M.D., '70

CME/Alumni Calendar

Medical Alumni Activities		
April 5-6	Medical Alumni Weekend	Chapel Hill
Continuing Education		
April 12-14	Preparing Family Physicians for the Challenges of Medical Practice in the Year 2000	Chapel Hill
April 24	Third Annual Chamberlin Symposium	Chapel Hill
May 1	May Day Trauma	
May 1-4	Scatliff Radiology Symposium	
May 16-17	PALS Provider/Instructor Courses	
May 17-19	NC Glomerular Disease Network	
June 6-10	Center for Development & Learning Course for Pediatricians	
June 17-18	Van Wyk Pediatric Endocrine Conference	
July 14-19	Recreation Therapy Institute	

For more information about CME courses or alumni activities, write the
and Alumni Affairs, School of Medicine, 231 MacNider, Chapel Hill, N

President's Letter



This is my final letter as president of the UNC Medical Alumni Association. It has been a busy and productive year. Much has been accomplished, but much still remains to be done. Problems with the economy have had a serious impact on the School's funding from the legislature, as have third-party reimbursement changes at UNC Hospitals. Research funding from government and private sources is also getting scarce. The future of the UNC School of Medicine depends more and more on the support of alumni and friends.

Several exciting new programs emerged from UNC Medical Alumni Association efforts. A "Bed and Breakfast" program began in the fall of 1990. Seventy alumni from 31 cities and 21 states offered to host traveling fourth-year medical students interviewing for post-graduate positions. They not only helped cut trip costs, but provided valuable information about programs in various cities. In addition, they offered another source of personal recommendation for students.

The Medical Alumni Association and the UNC Chapter of the AMA-Medical Student Section combined efforts and initiated a discussion series in which alumni are invited to Chapel Hill to discuss private practice issues in their specialties and communities. Students need and desire this special perspective at this critical stage in their career development.

Dr. Easterling and the Office of Medical Alumni Affairs staff are working with faculty and friends to initiate and coordinate an arts and humanities program in the School of Medicine. They are also working with the School and University to determine the School's role in the University's bicentennial celebration.

Alumni are encouraged to become involved in these programs and provide ideas for these and other projects. Please feel free to pick up the phone and contact the staff. You'll find them very receptive. Call the Carolina Consultation Center at 1-800-862-6264 and they will connect you.

A reception was held in Charlotte on Nov. 14, 1990 for Mecklenburg County alumni. It was well-received by local physicians and was attended by Dean Bondurant, Dr. Easterling, myself and Medical Alumni Association staff members. A similar meeting took place in Greensboro on Feb. 20.

Three class campaigns for alumni giving will culminate at the Spring Medical Alumni Association Meeting on April 5 and 6. The classes of 1966, 1971 and 1991 have initiated special drives. A fund-raising goal of $150,000 and 25 percent participation for 1990-91 have been set for the Alumni Loyalty Fund. Many important student and alumni programs are sponsored by this fund including: *FAX* (a student research journal), Loyalty Fund Merit Awards, student orientation, Whitehead Society activities, the Lawrence Zollicoffer and Norma Berryhill Distinguished Lectures, alumni meetings and CME programs and this publication.

It's been a pleasure and an honor to serve as president of the Medical Alumni Association this year. This Association and the scope of its activities have grown geometrically over the past few years. It is important for us to sustain that momentum with your ideas and active support. Get involved. Step forward. The staff welcomes your participation.

Dave Rendleman

D.A. Rendleman III, M.D., '70

...JDICALS DEPARTMENT
...ALTH SCIENCES LIBRARY
CB 7585
CHAPEL HILL NC 27599

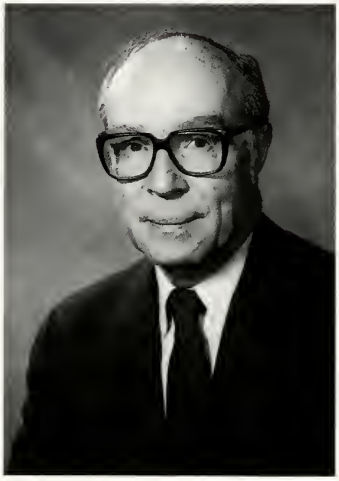
Summer 1991

Medical Alumni BULLETIN

School of Medicine, University of North Carolina at Chapel Hill

Advances in Intravascular Medicine, page 2

Dean's Page



It seems to me that it is time for us to face, in a forthright way, the fact that there is a broad dissatisfaction with the ways in which health care is provided to the people of the United States. Practicing physicians are prominent among those who are dissatisfied.

The January 1991 issue of the *Annals of Internal Medicine* is devoted to a convincing analysis of the extent and nature of the dissatisfaction among internists. Other studies describe dissatisfaction among members of other specialties and physicians in general. Economists and the United States business community point out the adverse effect of health care costs on the economy of the nation. Institutions and individuals that bear the burden of cost transfers necessary to pay for the health care of uninsured citizens and those with health care needs no longer covered by shrinking insurance coverage are dissatisfied.

There is a broadly felt but inchoate sense that health care is now being rationed according to criteria that are not consistent with the values our society professes. The absence of a coherent set of standards of practice has stimulated the production of clinical guidelines, soon to be adopted by third-party payors, in all likelihood. The system lacks an effective approach to the assessment of existing technologies and to decisions concerning the acquisition of new technologies. While research offers the potential of the greatest economies, as well as the greatest advances in the effectiveness of health care, there is no coherent, rational policy linkage between the operation of the health care delivery system and the research enterprise of the nation.

Despite the fact that many things need fixing, the system operates reasonably well, in the sense that most of our people receive health care that is of high quality and is generally satisfactory most of the time. As a result, there is a reservoir of reluctance to address the problems that are recognized.

On the other hand, it is my own sense that never before have as many influential interests been as compromised, and never before have as many influential groups sought relief from the perceived burdens and flaws in the current health care delivery system. I expect that change will come over the next decade.

I want to use this column to share some of my thinking about one aspect of this potential change, hopefully to stimulate the thinking of others.

Costs of administering the present health care system are very substantial. Administrative burdens are among the principal "hassle factors" that make medical practice unsatisfactory for many physicians. The cost of administering the current United States health care system is more than twice that of many other nations, and it has more than doubled since 1980. It is now about 20 percent of the total cost of health care. Many of the dollars spent on administration are efficient generators of physician hassle. In designing the evolution of the health care system, one important criterion should be minimization of the cost and other burdens of administration.

While many of the administrative burdens in the United States health care system are related to the fact that payment is on a fee-for-service basis, capitation-based payment is not necessarily free of onerous and costly administrative overhead.

It is possible to assure quality in many systems without extensive after-the-fact administrative burden of the kind imposed on our health care system. C. Edwards Deming is credited with having led Japanese industry to build quality control into the production process rather than the more costly approach of inspecting the finished product and rejecting those that are flawed. The cost of a quality product is lessened, and the quality of the product is improved by this arrangement.

Perhaps there is an analogy in the health care system. Perhaps we can provide the quality control in health care necessary to satisfy payors, by means that are both less onerous and more effective, by developing an improved capacity for prospective verification of clinical practice. For example, practice guidelines could be used in this way if payors would agree to reduce documentation and billing delays for those who demonstrably practice within guidelines.

There are, of course, many other ways in which prospective quality assurance could lower administrative costs and burdens. Since medical education is one way of assuring quality, effective programs of medical education for practicing physicians, residents and medical students will all contribute to high quality medical practice and, ultimately, lower administrative overhead.

Stuart Bondurant

Stuart Bondurant, Dean

Medical Alumni
BULLETIN
School of Medicine, University of North Carolina at Chapel Hill

Alumni Publications Advisory Committee
W. Grimes Byerly, M.D. '50
ex officio
Nancy C. Chescheir, M.D. '82
William E. Easterling Jr., M.D. '56
ex officio
Gerald W. Fernald, M.D. '60
George Johnson Jr., M.D. '50
Janice C. Keene, M.S.
E. Carwile LeRoy, M.D. '60
ex officio
Kenneth J. Levin, M.D.
Jane McNeer
ex officio
William S. Pollitzer, Ph.D.
David A. Rendleman, M.D. '70
ex officio
Stephanie C. Stadler
ex officio
John W. Stokes
ex officio

Editor
John W. Stokes,
Director, Institutional Relations
Michael A. Wagoner,
Managing Editor
Beverly B. Thompson,
Associate Editor

The *Medical Alumni Bulletin* is published four times annually by the University of North Carolina at Chapel Hill Medical Alumni Association, Chapel Hill, NC 27514. Postage is paid by the non-profit association through U.S. Postal Permit No. 24. Address correspondence to the editor, Office of Medical Center Public Affairs, School of Medicine, CB #7600, University of North Carolina, Chapel Hill, NC 27514.

Contents

Features

UNC Physicians View Blood Vessels in 3-D 2
MED: 2 Decades of Providing a Helping Hand 5
Entering the Golden Age of Genetics 9
Local Neurologist Has the 'Write' Prescription for Journalism Students 13
Commencement: Reflections on 4 Years of Learning .. 15

Departments

Dean's Page ..... Inside Front Cover
Alumni Development 18
News Briefs 20
Faculty Notes 26
Class Notes 29
President's Letter ..... Inside Back Cover
Alumni/CME Calendar ..... Back Cover

On the Cover

By attaching tiny and wafer-thin ultrasound transducer chips to the tip of a catheter, UNC physicians have opened up a whole new window of opportunity for intravascular medicine. Article begins on page 2. *(Photo by Jay Mangum)*

Intravascular Ultrasound Offers Sharp New Images Of Blood Vessels

By William M. Burrus

Miniature ultrasonic probes are now giving UNC-Chapel Hill investigators first-time views from inside coronary and peripheral blood vessels. These intravascular ultrasound (IVUS) images are also being computer-enhanced into even more remarkable three-dimensional views.

Unlike the intravascular tours taken in the 1966 science fiction movie "Fantastic Voyage," in which shrunken scientists roamed the vasculature of a Communist agent, UNC-Chapel Hill investigators accomplish their mission using conventional cardiac catheterization techniques. Solid-state, wafer-thin ultrasound transducer chips are affixed to catheters that are only a little larger than 1 mm in diameter. That size provides greater ease and flexibility within even many of the smallest and most tortuous coronary and peripheral vessels.

For the first time, IVUS provides sharp *in vivo* views inside a vessel—to distinguish its lumen, intima, media and adventitia, and allow skilled operators to better characterize the pathology seen therein.

The investigators behind these new efforts with IVUS at UNC-Chapel Hill are Gregory J. Dehmer, M.D., associate professor of medicine and director of the C.V. Richardson Cardiac Catheterization Laboratory, and Matthew A. Mauro, M.D., professor of radiology and chief, Division of Special Procedures [see biography box].

Approximately 60 centers around the country are investigating IVUS techniques but only eight are working with computer-enhanced 3-D imaging, and UNC-Chapel Hill pioneers regard that effort as "exciting" and "hot."

> "The IVUS techniques provide us with a dramatic increase in information, even though we are still learning what the information actually means."
>
> Gregory J. Dehmer, M.D.

Potential benefits from IVUS, alone or combined with computer-enhanced 3-D technology, include:

- Identification and characterization of intravascular tissue and lesions within seconds, as the angiography is under way, to determine immediately the best therapeutic approach.
- Identification of disease at earlier stages, such as the progressive coronary disease that occurs in transplanted hearts, thus allowing physicians to better study and someday prevent this process.
- Quantification of vessel wall motion, to identify earlier the stiffened vessels associated with atherosclerosis.
- Intraoperative and follow-up monitoring of angioplasty, atherectomy, laser ablation, grafting, stenting, placement of vena cava filters, surgical anastomoses and other procedures.
- Imaging of bigger vessels, such as the iliac arteries from the groin to the aorta, as soon as catheters and probes are developed for these larger vessels.
- Imaging of other tubular structures throughout the body, for instance the fallopian tubes, biliary tree and ureters.

Dehmer and Mauro emphasize that the technology is new, that they have yet to nail down its strongest points and its best clinical uses, and that some of these hopes and promises remain to be realized. But in mid-1991, six months after IVUS and 3-D imaging began at UNC-Chapel Hill, both have found investigational and clinical evidence to support their enthusiasm.

Explaining IVUS, Dehmer said "the techniques for placing ultrasound catheters within arteries are standard for any cath lab, the innovations being the microchip ultrasound transducer at the tip of the catheter, the images they create, and the computed 3-D images with our stand-alone computer. The catheters are sufficiently small for the coronary and peripheral vessels. These catheters are similar in size to the catheters used for balloon angioplasty, and prototype devices are now being developed for angioplasty which contain ultrasound microchips either in or behind the balloon."

With IVUS alone, Dehmer said the images obtained are donut-shaped. The lumen of the vessel appears as a hole in the center, and plaque or other pathology is visible in all 360 degrees around the wall of the artery.

The 3-D imaging computer "stacks the donuts" in a manner similar to computed tomography, to accurately reconstruct longitudinal views of the arteries. In the computed

3-D image, a predetermined length of vessel is "laid open" in a half circle, with the lumen and an artifact from the catheter displayed in the center of the strip. Pathology is visible as echo-pattern alterations on the vessel walls on the sides of the image.

"This is plaque," said Dehmer, pointing to an acoustic shadow on a 3-D strip of artery.

"The IVUS techniques provide us with a dramatic increase in information, even though we are still learning what the information actually means," Dehmer said. "For years, the 'gold standard' has been contrast angiography, in which pathology has been seen only as an encroachment into the lumen, such as its narrowing with atherosclerosis.

"Now, with an ultrasound catheter inside the vessel, we see many subtleties in the wall geometry from the differences in brightness, lucency, and shadows created by the echos," he said. "We are working to improve on our ability to characterize the tissue that we are imaging, to better discriminate between fibrous and calcified plaque, lipid deposits, blood clots and other lesions."

Dehmer recalled the recent case of a 63-year-old woman, a bypass graft recipient from the Henderson area, referred to Chapel Hill with a potential lesion in the graft seen during cardiac catheterization at another facility.

"This was a complicated case, lesions had been identified elsewhere in the graft, and should the questionable spot also prove to be a lesion, a second bypass graft procedure was being considered. As we moved the IVUS catheter back and forth across the area, however, it was clear—far clearer than would have been possible with conventional catheterization studies—that this potential lesion was a normally operating one-way valve from the grafted saphenous vein instead of a lesion. IVUS spared this patient from the surgery being considered."

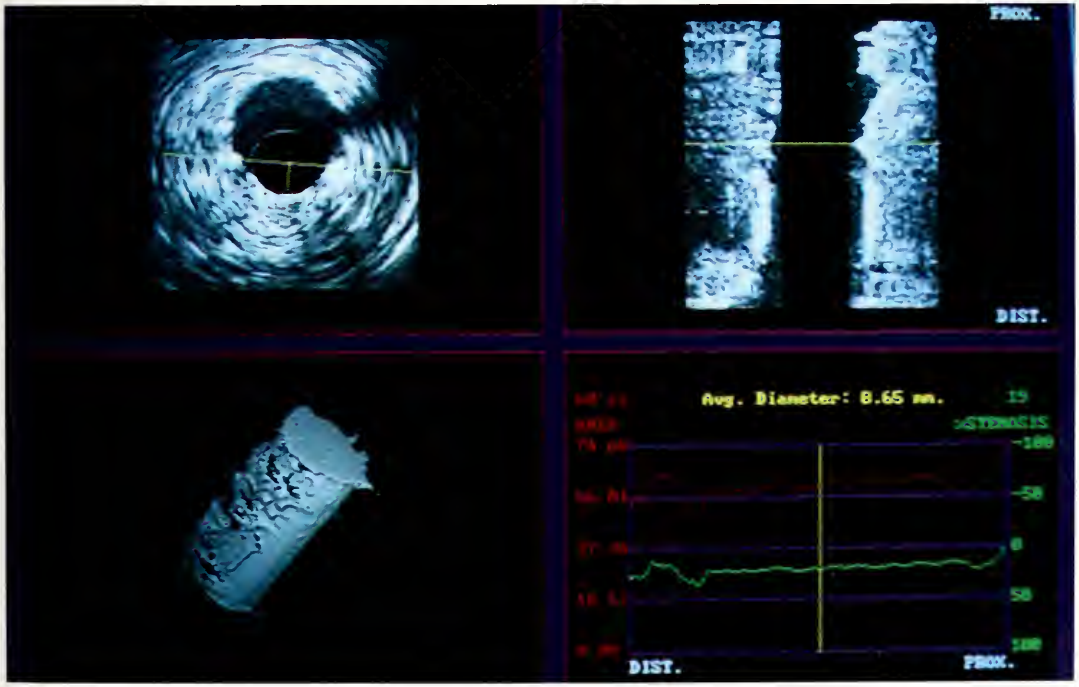
From the Laboratory for Special Procedures, Mauro pointed to other advantages with IVUS. With conventional angiography, he said, many oblique views are taken to overcome the fact that only parts of the vessel are being seen at one time. "Since IVUS displays the entire 360-degree radius of the vessel, both the anterior and posterior surface are visible at once to help in the diagnosis."

Mauro said that with IVUS devices now used, imaging is limited to vessels that are 6 mm or smaller, such as coronary and smaller peripheral vessels. "We are working with the manufacturer to develop an IVUS catheter in the 7 mm to 12 mm range. That will enable vascular radiologists to image the iliac arteries and aorta, where there is a tremendous amount of atheromatous disease as well as dissections and intramural hematomas."

Mauro's first case utilizing IVUS involved a 35-year-old woman who had arrived with an acutely cold lower limb, and was subsequently treated for a thrombosis of her popliteal artery. "We made a downward puncture of the femoral artery and lysed the entire clot with urokinase," he recalled. "Our final angiogram showed, at the level

Dehmer is a graduate of the University of Wisconsin Medical School who trained and taught at the University of Texas Southwestern Medical School before coming to UNC-Chapel Hill three years ago.

Mauro graduated from Cornell University Medical College, trained in radiology at UNC-Chapel Hill, then studied and taught at Mallinckrodt Institute of Radiology in St. Louis until he returned to UNC-Chapel Hill in 1982.



A four-quadrant computer display of an ultrasound image shows (upper left) a standard cross-sectional, (upper right) a 2-dimensional and (lower left) a 3-dimensional reconstructed view of a coronary arterial segment. The lower right quadrant shows the exact vessel diameter and cross sectional area of the segment.

Photos by Jay Mangum

Gregory Dehmer, M.D., reviews images recorded earlier during an intravascular ultrasound procedure. On the screen is a 3-D reconstructed image of a section of coronary artery.

Matthew A. Mauro, M.D.

where the clot started, a puzzling linear band.

"Turning to IVUS, however, the images more clearly identified the band as a small flap, apparently from a previous, spontaneous small dissection at the site of the clot," Mauro said. "IVUS also revealed that the flap was small and then flow-limiting, not flipping back and forth into the lumen. That gave us more confidence to simply place the patient on routine blood-thinner maintenance therapy."

In Mauro's opinion, IVUS will prove itself a valuable intraoperative tool. Additionally, he said, "I think its potential for the management and monitoring of endovascular therapy equals its potential in cardiology. And there are a host of other applications, including those involving other tubular structures in the body, where IVUS may have a significant role.

"We think IVUS will be routinely important for a broad range of cardiovascular and peripheral vascular medicine and surgery. We need to know more about IVUS to take advantage of these opportunities and we are in that process now."

For the Technology-Minded . . .

The scanner features a main control console with an internal, dedicated minicomputer. The system creates images via an array of 64 microchip transducers attached to the tip of a catheter, interpreting echoes from sound waves emitted at a powerful 20MHz, compared to conventional echocardiography operating in the 5 MHz range. That translates into more ultrasound energy for IVUS, but sound waves at this frequency penetrate for only a few millimeters, requiring that the probes be very near the tissue to be imaged.

Some centers' IVUS units use mechanical drives to spin the minute transducers in a circle inside the vessel. At UNC-Chapel Hill, solid-state circuitry fires the 64 transducers electronically, in timed sequences around the vessel, to accumulate data and reconstruct 360-degree images. The solid-state unit is smaller and more flexible, but picture quality remains slightly below the mechanically-driven IVUS models until better computer programming is developed for it.

The big stand-alone computer creating the 3-D views is attachable to virtually any ultrasound equipment.

Medical Education Development Program: Celebrating 20 Years

By Beverly B. Thompson

For decades the UNC School of Medicine has been a leader in its enrollment of minority students, consistently doubling the national average of 6 to 6.8 percent since the mid-1970s.

That accomplishment is due in no small part to the Medical Education Development (MED) Program, launched by the UNC Division of Health Affairs in 1971, said Chancellor Emeritus and former UNC School of Medicine Dean Christopher C. Fordham III, M.D.

The purpose of the program was to act on a commitment by the medical and dental schools to increase minority presence in the health sciences at UNC and other medical schools in the state, said Fordham, who served as dean from 1971 to 1978.

"The thrust of the MED Program was to help the School of Medicine meet its responsibility of taking care of the people of North Carolina, a substantial number of whom are minorities and, at the same time, provide minority students with the opportunity to get a start on a good professional health education whether it's at UNC or another medical school."

The MED Program's success rate has been outstanding, said Evelyn McCarthy, MED Program director. More than 1,100 students have participated in the program, and as of the summer of 1990, 90 percent of them have gone on to careers in the health field, including medicine and dentistry.

And, according to McCarthy, about 80 percent of the School of Medicine's 350 minority graduates participated in the MED Program. Moreover, MED participants have graduated from other institutions, in and outside of North Carolina, including East Carolina, Howard, Stanford and Harvard.

"Given our 20 years of experience, we can

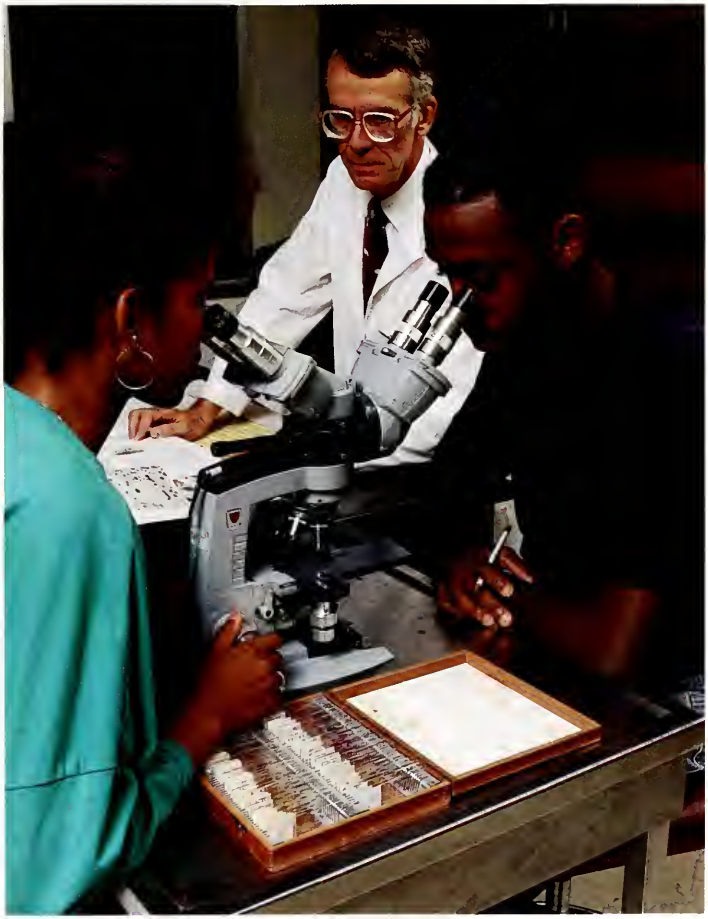


Photo by Dan Crawford

William E. Koch, Ph.D., professor of cell biology and anatomy, with MED participants Donna Jones, of N.C. State University, and Adrian Lawrence, of Duke University. Koch is the histology course director.

definitely say that success in MED can translate into success in medical or dental school," McCarthy said.

Central to the MED Program is a rigorous nine-week summer enrichment program targeted at rising college seniors and postgraduates interested in medical or dental careers. Faculty from the Schools of Medicine and Dentistry teach more than 215 hours of basic science courses, including biochemistry, histology and microbiology, to approximately 65 students accepted to the program each year. These courses, along with other enrichment activities, clinics and workshops give students a realistic view of what life in medical or dental school will be like, McCarthy said.

However, the program is not intended to give participants a head start on the course work. "The goal is not to provide a substitute for the regular medical or dental school curriculum, but give students a flavor of what medical school will be like the first year," said Thomas W. Traut, Ph.D., associate professor in the Department of Biochemistry and Biophysics, who has taught MED students since 1979.

"We always tell the students that we're testing for three things: intelligence, education and stamina. The MED program gives students a good self-evaluation and gives us a very good indicator of their ability to make it through the first year of medical school."

The MED experience goes beyond the time students spend in classes or workshops. Besides preparing students for academic life in medical school through its summer courses, the MED Program focuses on two other areas, outreach or recruitment, and retention.

Because of the declining number of minority students applying to medical schools, outreach is a very important component of the MED Program, McCarthy said. Working through established channels, including the Minority Access to Research Careers Program, the National Association of Minority Medical Educators and minority preprofessional health societies on UNC's and other college campuses, MED coordinators reached more than 2,000 students through organized forums in 1989-90.

The students have a lot of questions about whether or not they can compete in the medical school setting, McCarthy said. "The key thing we bring into the picture is the assurance that it is possible. Then we back that up with focused advising, not about just what course to take, but the major, and how to prepare in college for professional school."

For second-year UNC medical student Bernard Taylor, who majored in zoology at N.C. State University, the recruitment forum he attended in 1988 was just the extra push he needed. "The MED recruitment forum was a real motivator for me. I had run into academic trouble and my transcript did not look like that of the traditional medical school applicant. The forum showed me that MED offered another avenue for me to prove myself academically." Taylor, a 1989 MED participant, is serving as a MED teaching assistant this summer.

Another key outreach factor is what McCarthy calls the MED alumni network. "We are fortunate to have many people who have done it—who are here now enrolled in our medical and dental schools, and are happy to go back out there to provide that voice of experience to say 'if I did it, you can do it,' " she said.

This is the message that third-year UNC medical student George Perkins, a 1987 MED participant and 1989 MED teaching assistant, tries to get across when recruiting students for the program. "That 'you can do it' attitude is the most powerful message we bring across—especially for students who have faced problems, academically and personally," he said. (Perkins, a Wake Forest graduate who had to overcome academic and personal hurdles of his own, was recently named a 1991 UNC Distinguished Medical Scholar.)

Historically, the typical MED student comes from a disadvantaged socioeconomic background, with family earnings below the average North Carolina per capita income, which in 1990 was $16,203. In many families, neither parent went beyond high school. The students, aged 20-40, also are from diverse educational backgrounds, representing 20-30 different institutions, most of which are located in the state. McCarthy said that special attention is given to recruiting students from historically African-American or Native American institutions.

A substantial number of MED participants have had either lower grade point averages or standardized admissions test scores than other medical school applicants, McCarthy said. "We deliberately seek to read between the lines during the admissions process and identify people whose educa-

Photo by Dan Crawford

Evelyn B. McCarthy, MED Program Director, directs students' questions to H. Garland Hershey, D.D.S., Vice Chancellor of Health Affairs, and Nathan Simms Jr., Ph.D., UNC Vice President for Student Services and Special Programs, at a recent MED orientation.

> **"MED provides an opportunity—a trial of labor—for the student to show he or she can meet the demands of the science curriculum in the first and second years of medical school."**
>
> William E. Bakewell Jr., M.D.

tional and professional promise may not be immediately apparent," she said.

An important aspect of the UNC medical or dental school admissions policy is that all students need not meet the same criteria for admission so long as they all meet the same standards for graduation, said William E. Bakewell Jr., associate dean emeritus for admissions. "MED provides an opportunity—a trial of labor—for the student to show he or she can meet the demands of the science curriculum in the first and second years of medical school," said Bakewell.

McCarthy is quick to point out that MED students are not academically deficient. "This program fills gaps that were beyond the students' own control. The last thing this program is about is remediation. These students want to be as competitive as the next person. Many have just had past experiences that prevent them from looking as clean on paper as some other individuals," she said.

McCarthy admits that accepting students for the MED Program who "have that promise, that motivation, and readiness to survive what medical or dental school will dish out," is sometimes a judgment call.

Fortunately, though, for many students, McCarthy's judgment has paid off. Of 24 MED participants who entered the UNC School of Medicine in 1987, 88 percent graduated in the class of 1991. The rest are still on the road to a medical degree, she said.

According to McCarthy, the future of the MED Program is promising, although less grant funding and state deficits are having their effects. Nonetheless, the Schools of Medicine and Dentistry have reaffirmed their goals of reaching a 90 percent or higher minority retention rate. MED will continue to play a major role.

The MED Program, in many ways, represents an investment in North Carolina's future, McCarthy said, because many students who go through the program and UNC medical or dental school do tend to practice in the state. "It is to the benefit of the medical school, to each entering class, that we have a diversity of students. While our role is to attract people who really deserve more of an opportunity, we also ultimately attempt to balance that with the goal of establishing professionals who are needed in the state."

(Support to the MED Program is provided by the UNC Schools of Medicine and Dentistry, the State of North Carolina and through a grant from the Health Careers Opportunity Program, Division of Disadvantaged Assistance, U.S. Department of Health & Human Services.)

'After Watching Their Suffering . . . I Wanted to Help People'

Terry Lowry

When Terry Lowry was 5 years old, he decided that he wanted to become a doctor. That decision was not made casually, nor was it the product of the whimsical chattering of a preschooler.

Young Lowry had been deeply affected by the frequent trips he and his family made from Red Springs to N.C. Memorial Hospital. His younger brother suffered from a brain tumor and his grandmother had recurring light strokes. They both later died.

"After watching their suffering, I decided that I just wanted to be able to help people. Becoming a doctor seemed to be the best way to do that," Lowry said.

Now 25, Lowry has been accepted to the UNC School of Medicine and will begin his studies this fall. He has received a full Board of Governors scholarship to cover tuition, books and other costs. Lowry, who graduates this summer with a degree in medical technology from UNC-Chapel Hill, credits the MED Program for his success.

"Deep in my mind I knew I could do it, but I had to prove it to myself. MED was the real test. How I performed in MED would tell me how well I could do in medical school."

In the 1990 MED summer program, Lowry finished first in a class of 66 students.

He admits the road to medical school was not easy.

"Coming from a small town, I knew I wasn't adequately challenged in school, but the teachers did the best they could. My grades were good, even though I really didn't study that much. I was lucky that my counselors kept advising me to take science courses," Lowry said.

That lack of preparation was to follow Lowry through his senior year, when he was transferred to a larger high school, due to district consolidation, and on into college. "I really had to study hard, just to keep up. I realized how far I was behind when the teachers would ask, 'how many people already know about this?' and everybody in the room would raise their hands, but me. I felt as though I was at a real disadvantage," he said.

To make matters worse, Lowry's parents were having serious financial difficulties and although they encouraged him to stay in college, in 1986, his grades suffered and he left college to work at a Red Springs textile mill.

"I learned a lot from that experience and used it to better myself for returning to school, emotionally and financially," Lowry said.

In 1988, after completing a few summer courses at Pembroke State College, Lowry returned to UNC. It took Lowry two semesters to catch up, and he did so with flying colors. In the second part of his college career, Lowry achieved a 3.6 grade point average.

He says that his determination and MED are the reasons he is excelling. "It's a great program that gave me an opportunity to prove that I could make it. Ms. McCarthy, the staff and teachers have helped me a lot in the past few years, from learning study techniques to gaining confidence in my ability to succeed. Now I plan to go to medical school, learn as much as I possibly can and do well," said Lowry.

He said he plans to specialize in cardiology.

'Not Only Did MED Open Doors, It Opened My Eyes'

"Because it would give me a chance to give something back to my community," is the reason 33-year-old Oveta McIntosh-Vick, M.D. '83, says she decided to go into the health field.

A pediatrician at Lincoln Community Health Center in Durham, McIntosh-Vick has been practicing there for the last five years. Although she could take advantage of several options, including private practice or relocating to another city, she says she can't think of anywhere she'd rather be. "I feel a special obligation to the people of Durham. They helped me get where I am today."

Raised by her mother, an elementary school teacher, and her grandmother in Durham, McIntosh-Vick was always encouraged to get an education. After completing high school, she enrolled at North Carolina Central University in Durham. There she met Vernon Clark, Ph.D., a professor of molecular biology at the university.

"He said to me one day, 'I've heard that you are a very good student in science and health courses,' and encouraged me to contact Evelyn McCarthy with the MED Program at UNC." McIntosh-Vick, who said she had thoughts of pursuing a career in dentistry in the back of her mind, did contact McCarthy and was accepted to the MED Program in 1977.

Photos by Jay Mangum

Oveta McIntosh-Vick, M.D., examines Rachie Fowler, a patient at Lincoln Community Health Center in Durham.

"Not only did it open doors, as far as giving me an opportunity to work with students who were good, it opened my eyes to two things: what professional school would be like and the fact that I didn't want to go into dentistry." After earning an outstanding MED performance rating, McIntosh-Vick said she decided that a career in medicine would offer her a broad way to use her skills and talents.

After graduating summa cum laude from NCCU in 1979, with a major in biology, and minors in chemistry and education, McIntosh-Vick was accepted to the UNC School of Medicine.

She described the first two years of medical school as tough and challenging. "I studied all the time. I remember being glad that I had been exposed to test taking skills by Dr. Henry Frierson, (Office of Educational Development) and that I had learned to study efficiently by budgeting my time and studying with other people." She also said laughingly that she remembered being impressed by the fact that each student had his or her own microscope in labs.

During medical school, McIntosh-Vick served as a MED teaching assistant and as an assistant MED program director to "help other students get the exposure that I had gotten." In 1983 she graduated from UNC medical school and completed a three-year pediatric residency at what is now the Carolinas Medical Center in Charlotte.

She says she may some day go into private practice, but for now is satisfied working at Lincoln and being on staff at Durham County General Hospital. McIntosh-Vick said she is happy to be a part of a system that offers "access to health care to everyone —where ability to pay is not the primary consideration."

In her spare time, McIntosh-Vick, who married a Durham police detective two years ago, visits local schools to talk to students about health, sexuality and child abuse.

She says she also enjoys telling students what it's like to be a doctor. "I want them to know that it is possible."

Jumping into the 'Golden Age of Genetics'

By Toni Shears

After eight long years, success caught up with Francis S. Collins, M.D., last summer in a freshman dorm room at Yale University.

It was there, hovering over a fax machine in a makeshift office, that the University of Michigan researcher realized with certainty that he and his collaborator, Lap-Chee Tsui of Toronto, finally had capped one of the most competitive, exhaustive research efforts in medical history—the search for the gene that causes cystic fibrosis.

Like many medical "breakthroughs," the discovery of the gene came slowly and only after many false leads, says Collins, associate professor of human genetics and internal medicine at the U-M Medical School and U-M Howard Hughes Medical Institute investigator.

In retrospect, Collins is amused that the moment of "eureka" came in such an inauspicious setting—he and Tsui were lodged in a dormitory while attending a scientific meeting in New Haven, Conn.

Between meeting sessions, Collins and Tsui would go back to the dorm, where they communicated via fax machine with Tsui's laboratory at the Hospital for Sick Children in Toronto, where he is associate professor of genetics. As new data poured in, Collins and Tsui knew they were getting closer.

In comparing the U-M and Toronto data on a Wednesday night in mid-June, it became clear that a subtle mutation in the suspect gene, located on the long arm of chromosome 7, was present in 70 percent of the cystic fibrosis chromosomes, while this defect was absent in virtually all of the normal chromosomes.

"I think that's when I sort of went over the threshold and said, 'Yeah, this is probably it,'" Collins recalls. "The setting was doubly amusing because in the next room

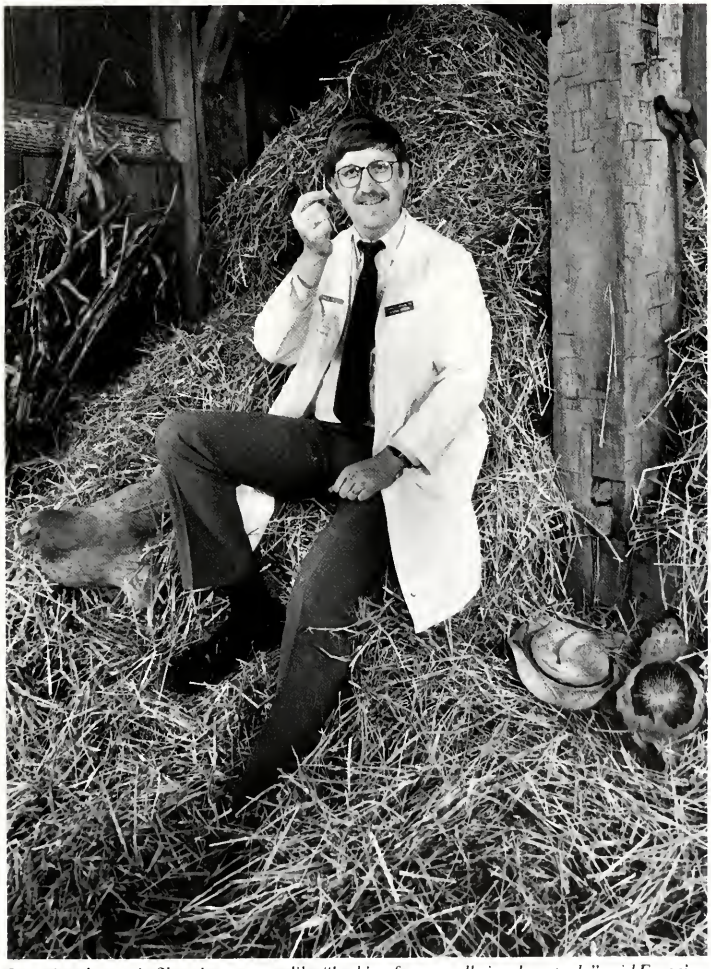


Photo by Thomas Treuter, courtesy of Advance magazine, University of Michigan Medical Center

Locating the cystic fibrosis gene was like "looking for a needle in a haystack," said Francis S. Collins, M.D., who discovered the gene last year.

was one of our major competitors. The dorm walls were pretty thin, so we had to talk in whispers and not yell and scream."

Although they couldn't celebrate at the moment, Collins, Tsui and colleagues have been humbly basking in praise since the finding was published in a September issue of *Science*.

The discovery of the genetic defect, which is responsible for 70 percent of cases of the disease, already has led to the development of screening tests for potential carriers of the gene, and brings closer new treatments—and an eventual cure—for people suffering from cystic fibrosis, the most common fatal inherited disease in North America.

The discovery also proves for the first time that it is possible to track down a gene by "reverse genetics"—that is, without any information about the defect or normal function of the gene that causes the disease. The cystic fibrosis defect involved only three base pairs in an exceptionally long gene of 250,000 bases.

Proof that the process of reverse genetics works places modern science squarely in the "Golden Age of genetics," Collins says. "What was done for cystic fibrosis should now be achievable for a very large number of other diseases. Admittedly, it will take a huge amount of work. Still, it is clear that you can do this and actually succeed," he notes.

"There are some 4,000 genetic diseases that afflict us. In the vast majority of those the gene hasn't been found and nobody understands what the basic defect is. The only way those diseases are going to be effectively approached is by reverse genetics," he says.

Once such genes are identified, it will be possible to isolate defects responsible for genetic diseases and devise treatments. "The opportunities are enormous for cloning these genes and figuring out how they work," Collins says with enthusiasm.

But the initial work of finding the responsible gene is a long, laborious step. The process of identifying a single gene has been compared to finding an unknown object in a closet in a house somewhere between New York and Los Angeles without a street address.

A technique called "chromosome jumping" developed in the U-M genetics labs has hastened the process dramatically. Collins, Michael C. Iannuzzi, M.D., assistant professor of internal medicine, and other U-M researchers used the technique to jump over large chunks of genetic material and move along the chromosome to the area they were investigating. This process is five to 10 times faster than conventional techniques, Collins says.

Collins has been fascinated with genetic research since his first year of medical school at the University of North Carolina School of Medicine. He chose to pursue a medical degree after earning a doctorate in physical chemistry from Yale because he found that field "a bit too abstract."

He went to medical school unsure whether he wished to pursue research alone, or practice clinical medicine. Genetics offered him the opportunity to do both. "Genetics has just the right combination of obvious medical applications and scientific elegance. It is principle-based, instead of detail-based, which is just what I was looking for," he says.

Proof that...reverse genetics works places modern science squarely in the "Golden Age of genetics."

His research load is heavy. In addition to the CF gene, he logs many hours in the lab searching for the genes responsible for Huntington's chorea and neurofibromatosis, and studying the regulation of the human hemoglobin genes. He also is actively involved in the Human Genome Project, a worldwide $3 billion effort to map and sequence the entire genetic endowment of humans and other organisms.

On top of this he juggles administrative duties as chief of the Division of Medical Genetics, and is directing a project on human gene therapy.

Still, every week, he sees patients who come to the U-M for diagnosis and treatment of all types of genetic diseases. The CF patients he sees have provided ample evidence of the impact of his lab work. "They are excited about the gene. They have a renewed sense of hope that something is going to come along. I could show you incredibly touching letters I've gotten from all over the place from parents who have children with the disease.

"They realize that this isn't a cure, but they feel that now the clock has started on finding a cure. They have hope, and I do too, that a cure will be found in the lifetime of their sons and daughters."

Although he sees patients regularly, Collins says he still feels a need to "help people more directly." This long-standing urge led him to leave his work on the CF gene at its peak, shortly after the fateful meeting at Yale, and go to Africa for three weeks to care for patients in a small Nigerian mission hospital.

The switch from a high-tech lab to a primitive jungle hospital was "a total change," but a very satisfying one, he says. "Since I became a Christian about 10 years ago I've wanted to see what I could do as a short-term effort to help people more directly...I worked as an internist and took care of a large number of very sick patients in a short period of time. There was very little in the way of laboratory services; mostly you had to just go by your eyes and your head and your hands and your heart," he says.

"I enjoyed it enormously. It certainly was very good for my spiritual well-being, and it gave me renewed perspective on all the minutiae we worry about in our ivory tower academic setting."

The trip to Africa also gave Collins the chance to work with his 19-year-old daughter Margaret, who accompanied him. An undergraduate at her father's alma mater and a veteran of summers spent working in her father's lab, she is interested in becoming a physician.

Although he has left the decision to her, Collins has mixed feelings about his daughter's career plan. "It's a very rewarding thing to do, but you pay a price," he says, referring to the preciousness of time spent with his wife and two daughters while maintaining his hectic work schedule.

Despite the demands his career requires, Collins clearly loves his chosen field, and he's well aware of the impact his work is making.

"Current advances in molecular genetics are going to change the face of medicine," he says. "Researchers will look back on this time 100 years from now and feel a little envious."

(Reprinted with permission from Advance *magazine of the University of Michigan Medical Center.)*

Cystic Fibrosis Research: 'Bottom Line Is the Gene... You Want to Get It in Your Hands...'

Editor's Note: *The following remarks are excerpts from the Ralph R. Landes Lecture delivered by Francis S. Collins, M.D. '77, at the UNC School of Medicine's 1991 Student Research Day. He describes the research journey toward the discovery of the gene responsible for cystic fibrosis and the hope for treatment of CF patients.*

By Francis S. Collins, M.D.

In our species, there are about 4,000 disorders, which are inherited in a single-gene fashion...that is dominant, recessive, or x-linked.

And certainly to understand those disorders would be to understand a very great deal about both normal function and abnormal function. The problem is that for only a minority of those diseases is there enough information of any sort to give you a clue as to what's going on.

You open up a page of McKusich's catalog of heritable disorders and you see a listing ...it might tell you that this is a recessive disease characterized by certain features. Some work has been done to try to figure out what the basic defect is, and there's some information about that, but we really don't know at the basic level what the problem is.

That means if you really want to understand the disease enough to take it apart and figure out how to diagnose and treat it better, you're very limited. And this is true for most genetic disorders. There's not enough biochemical information. There may be a lot of descriptive information, but nothing that leads you to the bottom line. And the bottom line for genetic disease, of course, is the gene.

You want to get the gene in your hands so you can look at it, and sequence it, and analyze its function.

Only in the late 1970s did people begin to raise the possibility that one could actually go after disorders like this by an indirect approach, without assuming any knowledge about the function of the gene, and identify the gene. This would allow you to figure out the disease, and then, hopefully—and here's a leap of faith that has yet to be realized for most diseases—develop a treatment that would actually help the people who suffer from the disease.

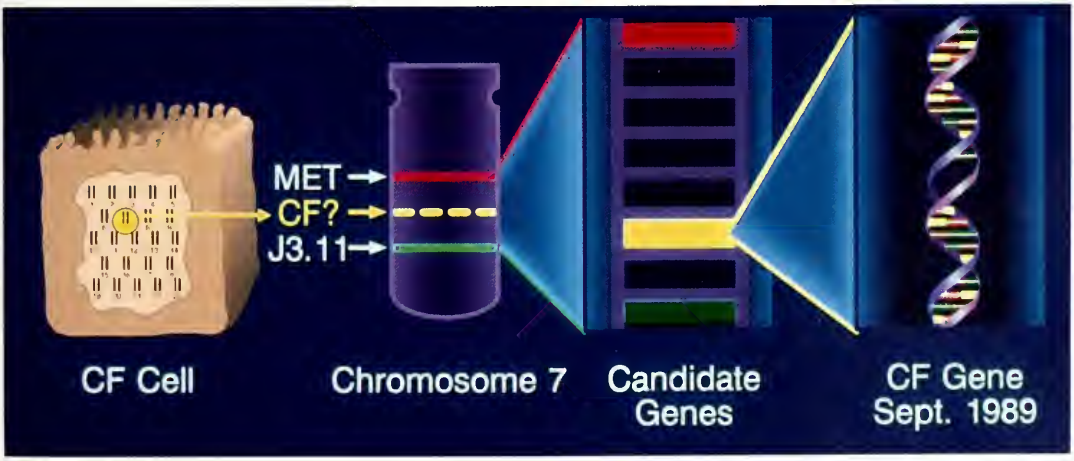
The problem, of course, is represented in a microscopic view of the chromosomes inside a single cell. There are 46 of them. They come in 22 pairs plus the two sex chromosomes. If you were to try to find a gene like cystic fibrosis, for instance, all you'd be able to say is, "Well, it's inherited ...it affects males and females equally...so it's not down there on the X or the Y...so it's somewhere on 1 through 22." That is a lot of DNA because in those 22 chromosomes are represented an estimated 100,000 genes... and only one of them is the CF gene.

At the outset, before 1985, we had no clue where the CF gene resided. People tend to get a little numbed by powers of 10, but here's the problem...the whole human genetic structure...all of those chromosomes lined up end-to-end is 3 billion base pairs long. A base pair is the basic unit of DNA and can be either A, C, G or T. It's that information content that makes us biologically what we are.

The average chromosome has 120 million base pairs. A gene can be quite variable in size, but if you're looking for a gene causing a disease, you won't really know you've found it until you've actually identified an abnormality in that gene in somebody who has the disorder. You won't know you're in the right gene until you find that very subtle change that is the cause of the disease.

To find the CF gene, you might try to adopt some sort of searching algorithm that would allow you to narrow in on the right place, hopefully by powers of 10 or thereabouts. Just to locate cystic fibrosis on chromosome 7 was an enormous, stunning achievement. It took several years of work to get there, but that still only reduced the problem by about 1 million base pairs.

At that point you have to sift through the sequence painstakingly, finding, testing, and usually rejecting genes in the interval until at last you encounter one which is different in people with CF than in normal individuals. It's like looking for a needle in a



"To find the cystic fibrosis gene, you might try to adopt some sort of searching algorithm that would allow you to narrow in on the right place, hopefully by the powers of 10 or thereabouts."

haystack.

The whole intricate process can be called "positional cloning," and is sometimes also called "reverse genetics. "What that means is cloning a gene without knowledge of its function, without knowing what it does or what its protein product is. Instead, one uses information about its map position, which one can deduce by genetic analysis.

Cystic fibrosis is a terrible disease. It affects about one in 2,500 newborn Caucasians. It's less frequent, but not absent, in other races. It is recessive, which means that there are a lot of folks who are carriers. If two carriers mate, and both pass on their CF gene, which is going to happen one time out of four, that child will have CF.

Most of the one in 25 Caucasians who carry a CF mutation are completely unaware of that. They have never had occasion to have a child with CF because they've either not had a child at all or they've not mated with another carrier. Or if they have, they've been lucky, and not had that one in four chance occur to them.

Cystic fibrosis is most notable for its problems in the lung—chronic infections and thick, sticky mucus that blocks the airway. There can also be problems with pancreatic insufficiency, which fortunately these days is much better treated than in the past because of availability of pancreatic enzyme replacements. In fact, the survival period in CF has enjoyed a steady and sustained increase over the course of the last 20 or 30 years, due to a combination of measures. The average survival now is 26 years.

A number of crucial observations have been made about the basic defect in CF in the past decade. Much of the cutting-edge research is going on at this institution, in the hands of Rick Boucher, Mike Knowles and others. Yet, the basic defect is still not clear in CF, although there is information—and again, UNC led the way in defining this in the early 1980s—that there is a defect in chloride transport.

We still don't know for sure, but it doesn't look as if the defect is in the chloride channel itself. At any rate, there was not enough information to design an experiment to go directly in and clone the CF gene. We just didn't know what the normal function of the gene really is. So the only game in town for CF was the positional cloning approach. That was difficult because of the powers of 10 problem. It occupied about seven years, start to finish, but finally yielded up a gene which turned out to be correct.

In 1985, the CF gene was mapped about two-thirds of the way down on chromosome 7. But the interval where it resided still occupied about 1.5 million base pairs, requiring a lot of "chromosome jumping" and "brute force" approaches to identify the right piece of DNA. That took a couple of years of hard work by about 30 talented researchers. In that regard, we were much benefited and blessed by a wonderful collaboration with investigators at The Hospital for Sick Children in Toronto, led by Lap-Chee Tsui.

We began with a couple of probes, moving along the chromosome. After a number of false starts, which were genes that weren't right, we finally hit what turned out to be the beginning of the CF gene. It is a large gene, and stretches across about 250,000 base pairs.

How did we know it was the right gene? Again, just bumping into it doesn't help you. You've got to find something wrong with it that occurs in patients with the disease that you never find on a normal chromosome. So, we looked at the DNA sequence of this gene from a normal individual and compared it to DNA from a cystic fibrosis individual. Everything was the same, except for three bases that were deleted in the cystic fibrosis chromosome. DNA is translated into protein by a three base pair-per-amino acid code. The protein, therefore, ends up with a missing amino acid called "Delta F-508," for deleted phenylalamine at position 508.

This is the common cause of cystic fibrosis. About 70 percent of CF mutations are due to just this one mutation. This is an incredibly common abnormality in CF chromosomes. The other 30 percent turns out to be very heterogeneous, due to many other possible abnormalities in this same gene, but not in this precise position.

The discovery of Delta F-508 was "the proof of the pudding" and said this had to be the correct gene. Once you have a gene and its DNA sequence, you can start to make a lot of predictions about what it will do. A lot of experiments are already under way, and I'm quite confident that we will learn much more in the course of the next year or two. This should begin to give us some ideas about how to approach more effective drug therapy for this disease. Perhaps we now have the chance of a real "designer therapy" for this problem.

Because CF is a common disorder—one in 25 people is carrying an abnormality in that gene, and most of those people are carrying Delta F-508—it is now at least theoretically possible to go out and screen the general American population, to find out whether there are couples out there who both carry that mutation, in order to give them that information so that they would know of their one-in-four risk of having an affected child.

Now, that sounds reasonable on the surface because there are certainly many couples who would like that information, particularly prior to starting a pregnancy so that they can consider their options. The goal of a geneticist is to educate couples about their options, and then allow them to make the choice that suits their own values and beliefs.

Certainly, one can make the argument that couples who are at risk would be benefited by getting that information and then deciding what they wanted to do about it in the privacy of their own relationship.

On the other hand, there's a lot of possible confusion that can go on here. This is going to be revisited every time we come up with a new ability to diagnose a condition by DNA. The public in general is not terribly well informed about genetics and DNA testing, and there's a great potential for misunderstanding the significance of the result.

If such carrier screening is not connected to a powerful education program, it could do more harm than good. For this reason, the genetics community and the National Institutes of Health have been formally recommending to go slowly with CF carrier screening. Pilot projects to see how it goes must first be carried out. I certainly support that view.

The next step for CF is gene therapy, although it is wrong to imply that this is right around the corner; it is not. But if you have a gene, it is at least theoretically possible to engineer a delivery system to put that gene into the airway cells of an affected individual and correct the defect.

This has actually been accomplished already in cell culture, by three groups now, including the group here at UNC. It is clear that if you put the normal cystic fibrosis gene into cystic fibrosis cells growing in a laboratory culture dish, they will start to behave like normal cells, and that's a very encouraging first step.

But it's a long way from doing this in the culture dish to doing so in a patient with all the attendant problems. How do you deliver the gene efficiently? How do you avoid side effects? I think we're still a number of years away from having this be a reality for CF, although solving these problems is a very high priority for a number of us. I continue to feel optimism that it will eventually work. But the timetable is very difficult to predict.

I think this is an enormously exciting time for genetics, and certainly for medicine, in general. The abilities of this new-found biomedical enterprise to move us forward into arenas that were not previously thinkable, such as the identification of genes when you don't know what their function is, will have enormous impact on our understanding of human health.

Journalism Students Get Taste of Medical Reporting

By Kris Donahue

About 10 students at the University of North Carolina at Chapel Hill are scattered about the front of a large classroom in Howell Hall. They listen intently as Peter L. Jacobson, M.D., a neurologist from Pinehurst, discusses two multiple sclerosis treatments reported in the *New England Journal of Medicine*.

These are not medical students, however, and Jacobson is not a visiting lecturer.

Instead, they are journalism students and Jacobson is their professor in a unique new medical journalism course which was offered for the first time at UNC last semester.

The course, designed to teach journalism students professional skills in medical and health writing, was conceived by Jacobson. To brush up on his writing skills, he took a couple of journalism courses at the University in 1989.

"It became quite evident that it would be helpful to have journalists step into the medical profession and get that viewpoint," he said. "That's really where the concept for the course developed."

One reason Jacobson saw for a course in medical journalism was the effect of public policy on the care of his patients.

"Public opinion is generated significantly by the media," he explains. "We need an educated media to have an educated public."

Jacobson said he had also learned from his courses that journalism was a true profession.

"Journalists learn skills and develop expertise in their ability to communicate," he says. "I think most of the problem in journalism and reporting is a lack of training and a lack of exposure. There is just not the opportunity for journalism students to get an education about medicine."

So Jacobson, determined to do his part to help future medical reporters learn about the complex world of medicine, took his idea to the dean of the University's School of Journalism and Mass Communication.

> "Sometimes we all get so excited that we begin to think of him as our own personal doctor." The feeling is mutual. Jacobson is equally proud of his students.

The dean approved and encouraged his plans and Jacobson was appointed adjunct associate professor at the school. As a professor, he found that teaching, like medicine, has its ups and downs.

"I find that both are difficult and enjoyable," he says, then laughing, adds "at different times."

Jacobson, who did his neurology residency at N.C. Memorial Hospital, says the area has a lot to offer.

The University is an excellent environment to teach this course because of its medical school, its School of Public Health, UNC Hospitals and the good medical library," he says. "There's a wealth of resources."

The most difficult part about teaching the course was putting together a syllabus and a curriculum in just six months, Jacobson says.

Nonetheless, his lesson plans were action-packed, including special guest speakers such as WRAL-TV's (Raleigh) medical correspondent, Denece Boyer, and teams from both Glaxo Inc. and Burroughs Wellcome.

Although the students realized they were lucky to have such an array of expertise, several of them said that their reason for really enjoying the course was Jacobson's obvious enthusiasm for the subject.

Even the complex diagrams that he scribbles on the chalkboard—in a form that only a doctor or a handwriting expert could decipher—do not discourage the students; they bombard him with questions about medical treatment.

Says one student: "It's kind of funny. Sometimes we all get so excited that we begin to think of him as our own personal doctor." The feeling is mutual. Jacobson is equally proud of his students.

"I think I've been fortunate in that my students have been very bright and enthusiastic," he says. "From their work, they show that they have a very good grasp of the ethical, medical and economic issues that confront modern medicine."

Jacobson's class meets each Wednesday for two hours, making his life as a doctor a little bit hectic. But his partners have been nice enough to work around his schedule and make sure he's not on call. Jacobson goes on rounds to see his patients in the mornings, which leaves just enough time for urgent problems, messages and the hour and a half drive from Pinehurst to the UNC campus.

To top it off, he occasionally goes to the School of Medicine's Department of Neurology or the library to do research in neurology or journalism before the long drive back home.

And what does his family think of his double life?

"They laugh," Jacobson says of his wife and two children. "They know I like to try different things, so they're not surprised."

They should have adjusted by now. After all this is not the first such venture that he has undertaken. While he was taking journalism

Photo by Dan Crawford

Peter Lars Jacobson, M.D., HS '81, Pinehurst neurologist and UNC School of Journalism adjunct associate professor, chats with students Wendy Oakley and Wendy Bounds in the journalism school library.

courses at the University in 1989, he began writing a weekly medical column for *The Pilot*, a newspaper in Southern Pines.

The chance to write again was a welcome one for Jacobson, who had minored in English as an undergraduate at Princeton University and had, at one point, debated furthering his education in English rather than medicine.

"I always figure—weighing things—that if I went into medicine, I could always write, but if I went into English, I couldn't practice medicine," he says.

Jacobson took six months off from *The Pilot* to teach his course, but now that the semester is over he says he plans to start writing the column again.

And as for teaching, Jacobson says he will continue next fall and possibly even longer if interest continues. Where will he step next? Jacobson says he is just going to stick with what he knows for the time being.

Editor's Note: *Only Texas A&M and Northwestern universities have similar courses in medical writing. Article writer Kris Donahue said she decided to become a medical reporter, after taking Jacobson's class last winter. A 1991 graduate of the UNC School of Journalism and Mass Communications, she is an intern with Health and Hospitals News of Carolina, a monthly newspaper.*

(Reprinted with permission from *Health and Hospital News of Carolina.*)

Medical School: 4 Years of Learning... A Day at a Time

By Margaret Woodbury Weeks

Editor's Note: *Margaret Woodbury Weeks, M.D. '91, co-class president, delivered the class president's address at commencement. Her remarks have been edited for publication.*

. . . First of all, I would like to dedicate this speech to the late Michael Loveless. . . even though he is not physically here, he is surely here with us in spirit.

Today, we celebrate more than just four years of dedication, hard work and sacrifice. We applaud more than just the graduating students' personal efforts. Today, we celebrate achievement that has been made possible by years of support and encouragement from our families, friends, present and past significant others, and teachers. We know that without you we would not be here today.

. . . You have guided and comforted us. You have opened our eyes to the world, and taught us to sing and to dance, to learn and to love. You have helped us to eliminate self doubt, and have led us to seek beauty and truth.

For this and for so much more, we thank you.

When I was. . . planning this speech, I felt that it should reflect the experiences of our class during the past four years, and try to relate to our friends and family, who have traveled so far to see us, a few of the stories which make our medical school experiences memorable. So, I solicited my classmates for entries from their diaries written during medical school. . .

The first entry was written by a classmate on August 15, 1987, after spending the day in 105 Berryhill listening to welcoming speeches by various deans. Dean Bondurant told us that starting today we would have new responsibilities—to respect the bodies of our cadavers and the confidences of our patients. And it was at this point the student realized that going to medical school was not going to be like just any other graduate school; somehow this was going to be different. She writes:

> "You have opened our eyes to the world, and taught us to sing and to dance, to learn and to love."
>
> Margaret Woodbury Weeks, M.D.

"It amazed me at what a fraternity it really is even from day 1. You are in the club. The rules that apply to you are somewhat different from those which govern the lives of other people.

"I wonder how similar we will become through this experience."

The next was written by a classmate on the eve of the first day of her third-year clerkship. She writes:

"I found this passage today from my first-year notes. The comments are those of Robert Coles. It is the advice his physical diagnosis teacher, William Carlos Williams, had given him when Coles was a third-year medical student. I certainly hope I'll remember his words when I'm on the wards with patients.

"W. Carlos Williams said: 'Watch and listen and let these men and women and children, these patients, teach you. . . Technique is part of the game, but heart is what really matters.' "

The next piece was written by a classmate after his first experience with the death of a patient. He. . . has entitled his story "Listen." He writes:

"Surely, much is to be learned from this experience. It cannot be lectured on in class or fairly portrayed on film.

"TP died today and will never be back in the form in which she existed one day ago. But it is obvious that she will continue to live in the faces of her grandchildren and in the minds of all those who knew her. In my short time with this lady, I saw an entire family rally around her. There was no family bickering that I could discern. Everybody wanted what was best for grandma.

"It became obvious to us as health care providers that what was best for grandma was not to have her chest cracked open, no heroic measures. What was needed was the assurance that grandma had received the best care that modern medicine had to offer. There were no magic bullets. No quick fixes. In truth, there was nothing that could be done. Grandma, at 83 years, had. . . multiple organ failure. Relatives still asked why and they had the right to ask, even though we didn't have the answers.

"Medicine does not have all the answers. It never has, and you might pardon my cynicism, but I doubt that it ever will. . . .

"This is not a new revelation. George Bernard Shaw knew this and stated more eloquently than I ever could, *'Religion* solves all

Photo by Dan Crawford

Margaret Woodbury Weeks, M.D.

problems of the universe. It gives us certainty, peace and absolute concepts. *Science* is the direct opposite. It is always wrong. It never solves a problem without creating a new one.'

"TP will not be my last patient to die, but as the first, I owe it to my own educational experience to recognize that there are certain lessons to be learned outside of the third-year medical school curriculum. Namely, that even in today's highly technical, hands-off medical world, there is still room for a human element in medicine. Do not be lulled to sleep by the clamor of the CT, the glamor of the MRI, the starched white coat. Even third-year medical students can alter one's perception of death. Be there. Support. Listen carefully. Talk little. Learn something not described in books. TP, I owe you a lot."

The final entry was written by a fourth-year student reminiscent of his experience with a preceptor in ambulatory medicine. He writes:

"I expressed an early interest in academic medicine and my preceptor responded by including me, wherever he could, in his daily routine. This (routine) included seeing patients in the hospital and in the clinics, attending and leading seminars, precepting residents in clinics, answering 25-50 phone calls, and often, late afternoon housecalls to nursing home patients or to homebound patients. Throughout it all, he was always smiling, often laughing—he was always having fun.

"I could not believe his memory of his patients—he could quote their laboratory values from sometimes even years back—not to mention his vast medical knowledge. Though he never ever questioned me or responded to my thoughts in such a way as to discourage my feeble attempts to contribute—in fact he demanded my input—I could not help but feel stupid.

"Being competitive, I had to identify a trait upon which I could compete. After much thought, I decided that I would at least be as nice as Dr. James Bryan. I started helping invalid patients up on their pillows, replenishing the ice in the water containers and yes, even clipping their toenails. Soon, I noticed that I was having much more fun than before, and I believed that I was doing a pretty good job of it.

"Then, we went to see a patient who was housebound and who was losing his life to a rare neuromuscular disease. Dr. Bryan drove into the driveway and parked the car. I got out, noticed the unkept yard and walked deliberately toward the front door. I asked some kind of technical question about the man's condition. . . but there was no answer. Dr. Bryan had left my side to go out into the yard and pick up the trash and old newspapers.

"Again, I felt inadequate. Not because I could not compete; there never was any competition. Dr. Bryan was never just being nice; he was not going out just to see this man. He was going out as his caregiver. As always, he was doing what he could. . .This makes him happy. Thank God I did not miss his lesson."

It is evident from these journal entries that these students have learned more than just

medical facts during these past four years. They have begun to learn what many have termed "the Art of Medicine."

During our first and second years of medical school, we spent much of our time memorizing facts. It was easy to become focused on exams and forget our original mission: to pursue truth and knowledge and to become physicians.

On the first day of medical school, Dean Bondurant told us that by the time we were practicing, over half the facts we were taught in medical school would be obsolete. The problem was that they didn't know which half.

This became much more evident during our third and fourth years. Even so, we should be comforted with the knowledge that we are well prepared to face our enormous task. We have learned basic medical knowledge and we have developed the tools to learn new information for the rest of our lives. These skills will help us to become and remain competent physicians for our patients.

Also, our mentors have taught us to be whole physicians. Competence is only half of our goal. From the diary entries read, it is clear to me that we have learned the other half of our goal: to have fun with our work and to have understanding and compassion for our patients. . . .

Graduates Address Health Care Access Concerns

To address their concerns about universal access to health care, graduates of the University of North Carolina School of Medicine inserted additional lines to the Hippocratic Oath.

The graduates recited the amended version of the oath during the commencement ceremony May 12.

Barry Kitch, 1991 co-class president, said the change was an attempt to make the oath more relevant to issues that face today's medical practitioners. "We see the United States as having the most technically sophisticated health care system in the world and able to deliver health care, but to only those who can afford it," said Kitch of Asheville. "It's a sad statement that so many can't get access."

Almost all of the 149 class members voted in April to add the following statements:

"That in the treatment of the sick, I will consider their well-being to be of a greater importance than their ability to compensate my services."

"That I will work for the day when all persons have equal access to basic health care."

The amended version of the oath, proposed by graduate Michael Francis Soboeiro, preceded the May issue of the *Journal of the American Medical Association*, which was devoted to universal access to health care. The report, which featured a broad range of proposals for expanding health care coverage, said that more than 32 million Americans, particularly minorities, are not covered by health insurance.

Commencement speaker James A. Bryan II, M.D., professor of medicine and social medicine, praised the graduates for adopting the equal access amendment and stressed the importance of patient rights.

"Don't worry about being successful," he said. "Just be faithful to yourselves, your patients and your profession."

Dean Stuart Bondurant, M.D., said, "I am delighted and impressed, but not surprised by the commitment of our students to serve all people, regardless of ability to pay, and to support the provision of basic medical care for all. It is especially significant that the students chose to express their commitment by including explicit statements as part of the Hippocratic Oath, which they took as they became physicians."

The Hippocratic Oath is a statement of medical ethics traditionally recited by medical students upon graduation. Students sometimes amend the oath to make it more relevant to particular concerns facing them as they prepare to enter the practice of medicine, Bondurant said. The oath was last amended at UNC by the class of 1986 to address their thoughts about the prevention of nuclear war.

Doctors Say the Right Words

Editor's Note: *The following editorial, which was reprinted in newspapers across North Carolina, was originally published in the May 23 issue of the* High Point Enterprise.

Many of the state's newest doctors added some encouraging lines to the Hippocratic Oath recently. University of North Carolina medical school graduates promised:

"That in the treatment of the sick, I will consider their well-being to be of a greater importance than their ability to compensate my services. . .(and) that I will work for the day when all persons have equal access to basic health care."

Those words speak to the 32 million Americans who lack health insurance. They also indicate a desire to address a factor that has helped drive the cost of medical care beyond the ability of many Americans to pay—doctors' earnings, which rise more sharply than the rate of inflation every year.

Certainly, many doctors provide services for poor people at no charge, but some others seem content to ride the tide of surging health-care costs even as millions of Americans drown in unpaid medical bills. Maybe the next generation of physicians—as well as politicians—will seek ways to make medical care affordable and accessible for all citizens. The words added to the Hippocratic Oath by these new graduates offer that new hope. Now, will older doctors repeat them, too?

Alumni Development

Jim Millis Accepts Leadership Role In Bicentennial Campaign

Jim Millis Sr., a prominent High Point business executive, will serve as chair of the Bicentennial Campaign for the School of Medicine of the University of North Carolina at Chapel Hill.

Millis

The campaign, which celebrates the University's 200th anniversary year, begins in October. Millis will direct efforts to raise $47 million for the School of Medicine over a five-year period.

The School of Medicine will be the largest single constituent group of the Bicentennial appeal. Funds will be used to support the UNC medical school's research program, faculty development, added research and teaching facilities and assistance for medical students.

Millis is chairman of the James H. & Jesse E. Millis Foundation, Inc., founded in 1989. He is a past chairman and chief executive officer of Adams-Millis Corporation in High Point, now part of Sara Lee.

A native North Carolinian, he attended UNC-Chapel Hill after serving as a fighter pilot in World War II. Millis is a longtime supporter of the mission of the UNC medical school and currently serves as a director and member of the executive committee of the Medical Foundation of North Carolina, Inc. He also is a past president of the Co-Founders Club.

"We are fortunate to have the strong volunteer leadership and abilities that Jim Millis brings to this important position," said Dean Stuart Bondurant, M.D. "The success of this campaign will benefit all North Carolinians and position the school for continued excellence in medical education, research and health care.

"Jim Millis has an outstanding record of public service to his alma mater and is a highly respected community leader," Bondurant added. "We know he will be effective in communicating the importance of the UNC School of Medicine to the physical and economic well-being of North Carolina."

Millis is a past director of the UNC Board of Visitors and a past director of the UNC Educational Foundation. In addition, he is a trustee and member of the executive committee of High Point Regional Hospital, a trustee emeritus of High Point College and past president and campaign chairman with the High Point United Way.

Stahl Joins Foundation Development Office Staff

Ed Stahl has joined the Medical Foundation of North Carolina, Inc., as assistant director for development, and director of The Co-Founders' Club.

Stahl

He is a 1975 graduate of UNC-Chapel Hill and was a member of the men's basketball team from 1971-75.

Prior to joining the Foundation staff, Stahl played professional basketball in Italy and "completed 11 years of successful sales, marketing and independent business management," said James L. Copeland, executive director of the Foundation.

"Ed Stahl definitely is a Carolina man, and we feel fortunate to have him aboard helping us raise the level of public awareness for the UNC School of Medicine and its importance to the people of this state," Copeland said.

Loyalty Fund Update

Alumni giving to the Loyalty Fund is expected to exceed the 1990-91 goal of $150,000 . . . but may fall short of the targeted 25 percent alumni participation rate.

John W. Foust, M.D. '55, of Charlotte, national chair of the Loyalty Fund, reports that $146,750 had been raised as of Alumni Weekend (April 5).

"Dr. Foust has done a terrific job, and I am hopeful that we can reach $200,000," said William E. Easterling Jr., associate dean for alumni affairs.

"Already, we have a 70 percent increase in cash received to date over the same period in the previous year," he said. "All this has been accomplished with only 16 percent participation."

(In comparison, at Duke University, which has a comparable number of alumni, approximately two-thirds of Duke medical alumni contribute to their annual unrestricted fund.)

Individuals who contribute $1,000 or more to the Loyaty Fund qualify for Associate membership. With a 1990-91 Associate goal of 75, the current membership stands at 67, compared to 47 for the previous year. "The growth in Loyalty Fund dollars raised is greatly attributable to the increase in the number of Associates, our alumni leadership group," said Jane M. McNeer, the Foundation's director of development.

Easterling said contributions to the Loyalty Fund enhance the lives of students, faculty and alumni. "Funding provides scholarships and helps sustain many ongoing programs such as the Whitehead Society, the student research publication, and in fiscal year 1991-92, the Health Sciences Library," he said.

Three Loyalty Fund and two School of Medicine "participation campaigns" culminated at the April 5 alumni banquet.

The 25-year reunion Class of 1966 registered 61 percent participation (and pre-

sented a check for $83,375) to claim victory over the 20-year reunion Class of 1971, which had 41 percent participation ($61,751 in gifts and pledges). The class campaigns focused on the Loyalty Fund, but commitments restricted to any area of the medical school counted.

In a separate Loyalty Fund participation challenge, alumni now residing in Guilford County topped their Mecklenburg County colleagues by 4 points—40 percent to 36 percent. In all, Guilford alumni committed $36,221 while Mecklenburg graduates raised $49,685 in gifts and pledges. Only gifts to the Loyalty Fund were counted in this campaign.

In recognition of the importance of alumni support, the class of 1991 set a precedent by organizing its own Loyalty Fund Campaign. Gib Upchurch chaired the steering committee that conducted the campaign.

At the annual Senior Gala May 10, Upchurch presented a check to Dean Stuart Bondurant, M.D., and reported 53 percent of his class committed just under $20,000 in gifts and pledges, payable over the next five years.

"The class of 1991 has established a benchmark that will challenge future classes. We are extremely proud of the class of 1991 and welcome their contributions as responsible alumni," Easterling said.

Darlyne Menscer, M.D. '79, of Charlotte, presents to Dean Bondurant a symbolic big check on behalf of Mecklenburg County alumni. The results of "challenge" fund-raising campaigns were announced at the Medical Alumni Association's annual banquet in April.

Co-Founders' Club Observes 25th Anniversary Year

Since its establishment in 1966, The Co-Founders' Club has welcomed nearly 1,000 supporters who have committed almost $20 million to programs of the UNC School of Medicine.

"Today, Co-Founders' Club members remain the most important source of support to our medical school," said James L. Copeland, executive director of the Medical Foundation of North Carolina, Inc.

The Co-Founders' Club is the umbrella recognition club of the Foundation for contributions totaling $1,000 or more to programs of the medical school and UNC Hospitals during the July to June fiscal year, Copeland said.

"The Co-Founders' Club recognizes all gifts—restricted and unrestricted. Unrestricted gifts are especially helpful since they can be used where needed most." The two unrestricted funds of the Foundation are the medical school alumni Loyalty Fund and the Excellence Fund (formerly the Co-Founders Fund).

"New this year, Co-Founders who contribute $2,000 or more during the fiscal year are recognized as members of the Dean's Circle," Copeland said. "Of this total, $1,000 must be unrestricted."

Dean's Circle members also are recognized as members of the University's Chancellors Club, which is the umbrella recognition club of the University. Total annual gifts of $2,000 or more to any University designation, except athletics, are recognized.

"Although these clubs are administered by their own separate offices, I would encourage members to enjoy the courtesies and activities of all recognition clubs for which they have qualified," Copeland said.

News Briefs

UNC School of Medicine Presents 6 with Distinguished Service Awards

Six people have been honored with 1990 University of North Carolina School of Medicine Distinguished Service Awards.

The awards were presented by Dean Stuart Bondurant, M.D., at the annual alumni banquet in April.

Recipients were: Verne S. Caviness, M.D., of Raleigh; Verne E. Chaney Jr., M.D., of New York; Harold J. Fallon, M.D., of Richmond, VA.; Edwin W. Monroe, M.D., of Greenville; Charles M. Shaffer of Chapel Hill; and Kenneth Sugioka, M.D., of Chapel Hill.

Caviness, who opened Raleigh's first internal medicine practice in 1923, has spent six decades treating patients from across eastern North Carolina. He was one of America's first researchers to work with insulin and helped find proper doses to make the new drug a workable treatment for diabetics. Caviness was a pioneer member of the Rex Hospital medical staff in Raleigh and helped found Rex's heart and blood pressure clinics.

He has funded endowments in the UNC School of Medicine that have resulted in the establishment of the Verne S. Caviness Professorship of Investigative Medicine, and support for the Verne S. Caviness General Clinical Research Center.

Chaney, president and founder of the Thomas A. Dooley Foundation/INTERMED-USA, Inc., has dedicated his professional life to caring for the sick, feeding the hungry and serving the needy in Third World countries. In the kingdom of Nepal, INTERMED has been a major influence in the country's development. When Chaney and INTERMED first came to southern Nepal in 1963, the area was wracked with disease and malaria so widespread that it made the land unfarmable. Today, this section of the country is virtually malaria-free and is Nepal's most productive agricultural region.

Fallon, who became chair of the Department of Medicine at the Medical College of Virginia in Richmond in 1974, has built that department into one of national prominence. He also is president-elect of the American College of Physicians. Fallon served 11 years on the UNC School of Medicine faculty and excelled in research of alcoholic liver disease and alcoholic hepatitis. Formerly vice chair of the UNC Department of Medicine and acting chair for one year, Fallon was instrumental in establishing an independent and centralized Department of Hospital Laboratories at North Carolina Memorial Hospital.

Monroe, who is now the executive director of the Kate B. Reynolds Charitable Trust, has devoted his professional career to expanding the availability of health care in eastern North Carolina. He helped spearhead the establishment of the East Carolina University Medical School in Greenville and served as its health affairs administrator.

Shaffer served 25 years as the secretary of the Medical Foundation of North Carolina, Inc., and is a legendary "missionary" for UNC and the School of Medicine. He and his wife, Charlotte, were awarded the University's Distinguished Service Medals in 1982. Shaffer became the University's first development coordinator in 1952 and because of his methodical approach to the art of fund-raising, Shaffer is recognized as the architect of the University's highly successful development structure that exists today.

Sugioka was the first chair of the Department of Anesthesiology at the UNC School of Medicine. Though he recently ended clinical practice, his research continues. Under Sugioka's leadership, North Carolina Memorial Hospital was the first in the country to set up an anesthesia laboratory, a self-supported unit within the operating room. It became the benchmark and model for care around the country and spawned prolific and important clinical research.

Caviness

Chaney

Fallon

Monroe

Shaffer

Sugioka

Johnson Receives Distinguished Faculty Award

George Johnson Jr., M.D., vice chair, Department of Surgery, has received the 1991 Distinguished Faculty Award, presented annually by the UNC School of Medicine Alumni Association.

Johnson

David A. Rendleman III, M.D., of Raleigh, past president of the alumni association presented the award in April at the annual alumni banquet in Chapel Hill.

The award recognizes excellence in teaching, contributions to medicine, leadership in physician continuing education, and efforts to improve communications among alumni, faculty and North Carolina residents.

Dean Stuart Bondurant, M.D., saluted Johnson for his record of public service. "For more than 30 years, Dr. Johnson has been absolutely constant in his love for and dedication to this University," he said.

Rendleman said, "Dr. Johnson has been uncompromising in his commitment to clinical care of the highest quality. He has earned the respect of the leading clinicians in our state who have continually referred their most difficult and challenging cases in vascular surgery to him."

"Dr. Johnson has inspired scores of young physicians to pursue careers in vascular surgery and has helped educate and train hundreds of others," Bondurant said. "Dr. Johnson is the epitome of the sensitive, caring physician who is committed, concerned and admired by all."

A native of Wilmington, Johnson received his bachelor's degree and certificate in medicine from UNC-Chapel Hill. He earned the M.D. degree at Cornell University College of Medicine and completed internship and surgical residency programs at New York Hospital. He joined the UNC Department of Surgery in 1959 and was named Roscoe B.G. Cowper Distinguished Professor of Surgery in 1973.

Johnson has served the past 21 years as chief, Division of General Surgery, and became vice chair of the Department of Surgery in 1977. He currently serves as vice president of the International Association for Vascular Surgery.

Edgertons Named Service Award Winners

J. Wilbert Edgerton, Ph.D., and Marianna Dow Edgerton have been awarded distinguished service awards from the Guilford College Alumni Association in Greensboro. Both have been active for a number of years as members of the Alumni Association Board and in 1985-87 both co-chaired the Loyalty Fund. Edgerton was an associate professor in the Department of Psychiatry before retiring in 1989. Mrs. Edgerton retired in 1986, after 14 years as a research associate with the Frank Porter Graham Child Development Center and the School of Public Health.

Edgerton

Holderness Scholars Listed

Twelve students have been awarded Holderness Medical Fellowships for 1991-92.

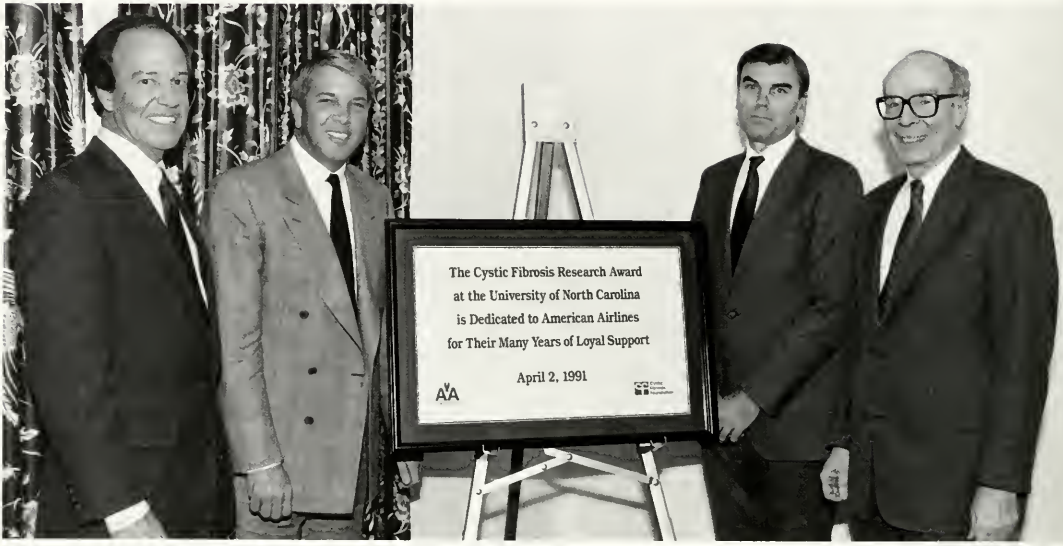
Students are selected on the basis of their academic records, leadership and public service. Each fellowship of $3,000 allows the student to work with a faculty member on research and other scholarly activities.

Recipients are: Eric S. Bachman of Baltimore, MD; Brian E. Brigman of Tokyo, Japan; Gerald E. Cooley of Springfield, MO; Elizabeth A. Creech of Wimpole Park, United Kingdom; Frank A. Frenduto of Allentown, PA; Sujata V. Ghate of Nasik, India; Douglas K. Graham of Taipei, Taiwan; Barrett T. Kitch of Beaver Falls, PA; David S. Leslie of Boston, MA; Nicklas B. E. Oldenburg of Lidingo, Sweden; Nitin P. Shenoy of Augusta, FL; and Jorge A. Simental of Fargo, ND.

"This year's fellows have the potential for tremendous growth through participation in the Holderness program, and I am confident they will become highly qualified physicians who will serve North Carolina and the nation well," said John T. Sessions Jr., M.D., chair of the Holderness Program Board of Directors and professor of medicine.

The Holderness Medical Fellowship Program was established in 1980 by Howard and Adelaide Holderness of Greensboro.

News Briefs


The Cystic Fibrosis Research Award
at the University of North Carolina
is Dedicated to American Airlines
for Their Many Years of Loyal Support
April 2, 1991
AA

The American Airlines Cystic Fibrosis Research Award was presented to the University of North Carolina, in honor of its nationally recognized cystic fibrosis research program. (From left) Robert K. Dresing, president and chief executive officer of the Cystic Fibrosis Foundation, and Michael W. Gunn, American Airlines' senior vice president of marketing, presented the citation to Richard C. Boucher Jr., M.D., professor of medicine and director, UNC Cystic Fibrosis Center, and Dean Stuart Bondurant. During the past eight years, the Cystic Fibrosis Foundation has provided nearly $3.5 million to fund research at UNC and will donate an additional $1.2 million over the next three years.

Rinse Helps Extend Liver Survival Time

Two UNC researchers have created a rinse solution that promises to save lives by prolonging the survival time for livers that are to be transplanted into patients dying of liver failure.

John J. Lemasters, M.D., professor of cell biology and anatomy, and Ronald G. Thurman, Ph.D., professor of pharmacology, have successfully tested a solution, called the Carolina rinse solution, in laboratory animals. They say its first use in humans may come within a year.

"The solution has been quite effective in preserving rat livers," Lemasters said. "If it works as well in humans as it does in rats, and there is no reason why it shouldn't, it will fill a therapeutic void and have a large clinical impact."

Early indications are that the Carolina rinse solution will almost double the time available for transplantation, which for livers is about 20 hours, said Lemasters. He and Thurman believe it also will help preserve other organs, such as kidneys, hearts and lungs.

Consulation Center Number Now Nationwide

The Carolina Consultation Center's toll-free number is now nationwide, enabling alumni to call UNC Hospitals for fast consultations and referrals.

By dialing 1-800-862-6264, alumni can reach specially trained staff who will locate the attending staff physician with whom they desire to speak and quickly connect the call. Alumni with questions about CME programs can also reach the Office of Alumni Affairs/Continuing Medical Education through the Consultation Center. The number is available 24 hours a day, seven days a week.

1991-92 Alumni Officers And Councillors Installed

New officers and councillors of the UNC Medical Alumni Association for 1991-92 were recently installed during the UNC Medical Alumni Weekend in April.

They are: E. Carwile LeRoy '60, of Charleston, SC, president; James B. Sloan '70, of Wilmington, president-elect; John W. Foust '55, of Charlotte, vice president; Kenneth E. Locklear '79, of Red Springs, councillor of District V; Harvey J. Hamrick '67, of Chapel Hill, councillor of District VII; Edward C. Sutton '49, of Burlington, councillor of District IX; Frank S. Highley '83 Housestaff, of Charlotte, councillor of District XIII; and Subir Roy '70, of Pasadena, CA, member at large.

Richard Walton, M.D., associate professor of family medicine with the Mountain Area Health Education Centers Program in Asheville, led a discussion group on back pain at the Family Physicians Continuing Medical Education seminar series held in Chapel Hill in April.

Transplantation Program Set to Expand

The transplantation program at the University of North Carolina medical center will be expanded this fall to include adult and pediatric liver transplants.

Bunzendahl

Stanley R. Mandel, M.D., associate dean for clinical affairs and director of the transplant program, said the program will benefit with the addition of Hartwig Bunzendahl, M.D., "one of the world's most successful liver transplant surgeons."

"Dr. Bunzendahl will initiate pancreatic transplantation here and will be joining me to enhance our existing kidney transplant program," Mandel added.

UNC surgeons currently perform kidney, heart, lung, heart/lung and cornea transplants. "We are well on our way toward having the most comprehensive transplantation program in the State of North Carolina and one of the premier programs in the country," Mandel said.

Bunzendahl previously served as deputy director of the Liver Transplant Service at Hannover University Medical School in Germany. He received his medical degree in Germany from the University of Heidelberg Medical School and was a Fulbright Exchange Scholar during his second year of medical school at the University of Kentucky. Following his residency in surgery at Hannover, he completed his training in transplantation at the University of Minnesota.

C. MacCollister Evarts, M.D., delivered the 1991 R. Beverly Raney Professorship keynote address. Evarts is senior vice president for health affairs and dean of the College of Medicine at Pennsylvania State University. The event honors the late R. Beverly Raney, M.D., the first chair of the Department of Orthopaedics.

Colbert Named Pfizer Fellow

Robert A. Colbert, M.D., Ph.D., a pediatric rheumatology fellow, has been named a 1991 Pfizer Postdoctoral Fellow.

Colbert, will carry out his research under the aegis of Jeffrey A. Frelinger, Ph.D., in the Department of Microbiology and Immunology. Colbert will investigate how major histocompatibility complex (MHC) class I proteins, such as HLA-B27, confer susceptibility to the development of spondyloarthropathies. These proteins are known to play an important role in the immune system.

The award of $40,000 annually for three years is allocated on behalf of the fellow to the sponsoring medical school.

News Briefs

UNC Investigators Test Drug That May Improve AIDS Therapy

The first human trials of a drug that might be significantly more effective than AZT in combating the human immunodeficiency virus began at UNC in March.

Recent clinical studies suggest that fluorothymidine, or FLT, kills the virus more effectively than AZT, said researchers. "FLT was originally developed in the 1960s as a treatment for leukemia," said Charles van der Horst, M.D., assistant professor of medicine and director of the AIDS Clinical Trials Unit at UNC. "It never got off the ground as a treatment for leukemia, but recently a group in Sweden and another at Sloan-Kettering started looking at it as a possible treatment for AIDS."

In laboratory experiments on cultured cells, FLT was 10 times more potent than AZT in killing the virus that causes AIDS, van der Horst said. Physicians at Memorial Sloan-Kettering Cancer Center in New York and Johns Hopkins Hospital in Baltimore are also involved in the year-long trial.

John Stone, M.D., associate dean and director of admissions at Emory University School of Medicine, was the ninth Spicer-Breckenridge lecturer. Stone read from his recently published book, "In the Country of Hearts: Journeys in the Art of Medicine." It is a collection of short stories and poems written by Stone, that highlights situations he has encountered while treating patients. The Spicer-Breckenridge Memorial Lecture annually honors Emmet Spicer and Arnold Breckenridge, both members of the class of 1939 who died in World War II.

Cancer Researchers Discover Key Protein

Researchers at the Lineberger Comprehensive Cancer Center have discovered, cloned and tested a naturally occurring protein that appears to play a key role in the spread of cancer.

J. Stephen Haskill, M.D., professor of obstetrics and gynecology, said the protein inhibits or blocks interleukin-1, another protein made by blood cells that is closely involved in arthritis, fevers and regulating cell growth. He added that the protein will be interesting to clinicians because it could become a new target for drug therapy.

A report on the research conducted by Haskill, Linda Van Le, M.D., assistant professor of obstetrics and gynecology, and other collaborators at the Cetus Corp., appears in the May issue of the *Proceedings of the National Academy of Sciences.*

Gudeman Becomes Weatherspoon Professor

Steven K. Gudeman, M.D., has been selected as the first Van L. Weatherspoon Jr. Professor of Neurological Surgery of the UNC School of Medicine.

He also will serve as chief, Division of Neurosurgery, with the Department of Surgery. Gudeman comes to Chapel Hill from Eastern Virginia Medical School in Norfolk, where he had served as professor and chairman of neurosurgery since 1988.

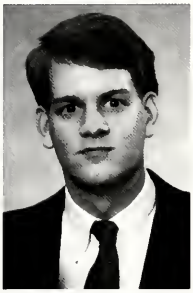
Gudeman

"Dr. Gudeman is an outstanding neurosurgeon," Dean Stuart Bondurant, M.D., said. "Under his leadership, our teaching, research and patient care programs in neurosurgery will surely develop well. I am especially pleased that this appointment is coupled with an endowed professorship directed toward research and treatment of brain tumors and head injuries."

The professorship is established in memory of Van L. Weatherspoon Jr., of Charlotte, a 1984 UNC alumnus who died in 1989 from a brain tumor. The endowed professorship is provided primarily through private contributions to the Massey-Weatherspoon Fund.

"We are indebted to the Massey and Weatherspoon families for their generosity and commitment to the University," said Christopher C. Fordham III, M.D., chancellor emeritus of UNC-Chapel Hill and former dean of the medical school.

The Massey-Weatherspoon Fund was established in 1984, a few months after Van L. Weatherspoon Jr. graduated from UNC-Chapel Hill, to "enhance excellence in teaching, research and public service in the University." Participating at that time were: C. Knox and Louise Massey Sr. of Durham; C. Knox and Mary Ann Massey Jr. and family of Atlanta; and Van L. and Kay Weatherspoon Sr. and family of Charlotte. Among contributors to the professorship fund is Christina Reed Weatherspoon, widow of Van L. Weatherspoon Jr.



Weatherspoon

Gudeman is a graduate of Indiana University and received his medical degree from the University of Cincinnati College of Medicine. He completed his internship in general surgery at the Medical College of Virginia in Richmond, where he also was a fellow in neurotraumatology and a resident in neurological surgery. Gudeman served six years on the faculty of the Medical University of South Carolina in Charleston, prior to accepting the position of department chairman at Eastern Virginia Medical School.

Scientists Find Drug To Reduce Alcohol Consumption

UNC scientists have found an experimental drug that appears to reduce the urge to drink alcohol.

Although the drug, Emopamil, has not been tested in humans, it made "alcoholic" rats prefer water to alcohol in a dose-dependent way. That is, the more of the drug scientists gave the special colony of rats, the less alcohol and more water they drank.

Amir H. Rezvani, Ph.D., assistant director of the Biomedical Research Laboratory at UNC's Skipper Bowles Center for Alcohol Studies, presented the findings at the 15th annual symposium of the N.C. Alcoholism Research Authority in Raleigh.

"Because everything we do here is for human welfare, our dream is that we find a treatment or cure for alcoholism," he said. "We are optimistic about this drug, but it is too early to say how well it will work in humans."

Janet J. Fischer, M.D., (left) Sarah Graham Kenan Professor of Medicine, is joined by Corola Eisenberg, M.D., who delivered the keynote address at the Fischer Symposium. Eisenberg is director of International Programs for Medical Exchange at Harvard Medical School. The symposium commemorated Fischer's retirement and discussed the future of women in medicine.

Faculty Notes

Bondurant Named to U.S. Committee to Investigate Scientific Integrity

Dean Stuart Bondurant, M.D., has been named a member of the U.S. Public Health Service Advisory Committee on Scientific Integrity.

His appointment was announced by James O. Mason, M.D., assistant secretary of the Department of Health and Human Services.

Mason, who heads the Public Health Service, said the advisory committee will review and evaluate the policies and procedures of the PHS for detecting, deterring and investigating scientific misconduct. The first meeting of the committee will be this summer at the National Institutes of Health, Bethesda, MD.

Bondurant is the only committee member selected from the southeastern United States.

Bondurant came to Chapel Hill in 1979 as dean of the UNC School of Medicine and professor of medicine. He previously served as president and dean, Albany (NY) Medical College. A native of Winston-Salem, Bondurant recived his medical degree from Duke University in 1963.

He has been active in HHS commissions and in review and advisory committees of the NIH and is a member of the Council of the Institute of Medicine, National Academy of Sciences. Bondurant is also Chairman of the North Carolina Governor's Commission on Reduction of Infant Mortality and Chairman of the Board of Directors of the North Carolina Biotechnology Center.

Lee Heads Radiology

Joseph K. T. Lee, M.D., has been appointed professor and chair of the Department of Radiology, effective July 1, 1991.

"Dr. Lee brings to us a wealth of experience and knowledge in the field of radiology," Dean Stuart Bondurant, M.D., said. "His work in magnetic resonance imaging has been recognized worldwide.

Lee

"Dr. Lee is a proven leader, and I am sure that he will maintain the outstanding standards set by Dr. James H. Scatliff, who has served as chair and professor of radiology since 1966." Scatliff will continue on the faculty.

Lee comes to Chapel Hill from the Mallinckrodt Institute of Radiology at the Washington University School of Medicine in St. Louis, where he was professor and director of the Magnetic Resonance Imaging Section. Lee earned his medical degree from Washington University in 1973, and since completing his residency there in 1977, he has held various positions at the Institute, including associate professor of radiology and co-director of the Computed Body Tomography Section.

He is a member of several scholarly and professional societies, including the Radiological Society of North America, the American Medical Association and the American Institute of Ultrasound in Medicine. He is also a fellow of the American College of Radiology.

Mann Appointed Associate Dean

Elizabeth S. Mann, M.D., has been named associate dean for admissions in the School of Medicine. She succeeds William E. Bakewell Jr., M.D., who continues on the faculty.

Mann

Mann is associate professor of anesthesiology at UNC-Chapel Hill and has been a member of the faculty since 1976. Prior to coming to Chapel Hill, she was an assistant professor of anesthesiology at the University of Virginia Medical Center in Charlottesville.

"I would like to salute and thank Dr. Bill Bakewell for the job he has done as associate dean for admissions for the past 15 years," Dean Stuart Bondurant, M.D., said. "The true strength of our medical school is the intellect and character of our students, and Dr. Bakewell is to be commended for recruiting and enrolling the best and the brightest.

"I am equally delighted that Dr. Mann has agreed to assume the duties of this vital and pivotal administrative position," Bondurant said. "She is immensely qualified to serve as associate dean for admissions, having served more than 10 years on our school's Admissions Committee."

A graduate of Swarthmore (PA) College, she received her medical degree from Cornell University Medical College. Mann completed internship, residency and fellowship training at the University of Virginia Hospital in Charlottesville.

Bakewell, a professor of psychiatry and director, Consultation/Liaison Division, joined the UNC School of Medicine faculty in 1965. He was appointed to the medical school Admissions Committee in 1973, and became asssociate dean for admissions in 1976. He earned his medical degree at McGill University in Canada.

Granger Named Assistant Dean

Noelle A. Granger, Ph.D., has been named assistant dean for student affairs of the School of Medicine.

Granger

Her appointment was announced jointly by Dean Stuart Bondurant, M.D., and by Cheryl F. McCartney, M.D., associate dean for student affairs.

As assistant dean, Granger, a professor of cell biology and anatomy in the UNC School of Medicine, will have administrative and student advising responsibilities. In addition, she will report to the dean as women's liaison officer to the Association of American Medical Colleges.

"In this capacity, I have every confidence that Dr. Granger will provide outstanding leadership for our medical school's efforts to enhance the professional environment for our women colleagues," Bondurant said. "She has excellent qualifications and is a distinguished scientist."

"We are pleased that Dr. Granger is joining the Office of Student Affairs," McCartney said. "For several years, she has been one of our most popular and most effective faculty advisers, helping students to adjust to the rigors of medical school. She will continue the excellent work of our former assistant dean, Dr. Mary Jane Gray, who has retired."

Granger is a graduate of Mount Holyoke College in South Hadley, MA, and received her doctorate in anatomy from Case Western Reserve University School of Medicine in Cleveland, OH. Prior to joining the UNC faculty in 1981, she was a lecturer in biology at the University of California at Irvine and a post-doctoral fellow/research associate at Northwestern University.

Frelinger Selected as Chair of Microbiology And Immunology

Jeffrey A. Frelinger, Ph.D., Sarah Graham Kenan Professor of Microbiology and Immunology, has been appointed chair of the Department of Microbiology and Immunology.

Frelinger

"Dr. Frelinger has been a valued member of the University faculty since 1983 and is recognized internationally for his work in immunogenetics and molecular immunology," said Dean Stuart Bondurant, M.D. "He has dedicated his professional life to advancement of the basic sciences and is highly regarded as a teacher and administrator.

Frelinger is a graduate of the University of California at San Diego and earned his doctorate in immunology at California Institute of Technology in Pasadena. He completed postdoctoral work at the University of Michigan in Ann Arbor.

He spent seven years on the medical school faculty at the University of Southern California prior to coming to Chapel Hill in 1983 as professor of microbiology and immunology. In 1988, Frelinger was named a Sarah Graham Kenan Professor.

At UNC, Frelinger has served as program leader of the Immunology Program at the Lineberger Comprehensive Cancer Center and is a member of the Curriculum in Genetics.

Aziz Sancar, M.D., professor of biochemistry and biophysics and a member of the Lineberger Comprehensive Cancer Center's chemical carcinogenesis program, has been presented the 1990 Research Award from the American Society for Photobiology.

Sancar

He received the award at the society's annual meeting of the 2,000-member society in Vancouver, Canada. Sancar was cited for his research on ways to repair the damage caused to human genetic material by sunlight and other cancer-causing agents.

Mary Ellen Jones, Ph.D., and **Paul L. Munson, Pharm. D.,** have been elected fellows of the American Academy of Arts and Sciences. Jones, Kenan Professor, Department of Biochemistry and Biophysics, and Munson, Sarah Graham Kenan Professor Emeritus of Pharmacology and Endocrinology, were among 195 new fellows elected at a meeting in Cambridge, MA, May 8.

Jones joined the molecular biology section of the academy's biological sciences class. She was the first woman to become a Kenan professor and the first to chair a department in the UNC medical school.

Munson joined the physiology and experimental psychology section of the academy's biological sciences class. He retired from the UNC faculty in 1980 after 25 years of service that included chairing the Department of Pharmacology and establishing the medical school's graduate program in that field.

Faculty Notes

David H. Moore, M.D., assistant professor of obstetrics and gynecology, is the recipient of an American Cancer Society Career Development Award.

The award, worth $90,000 over three years, encourages the development of promising researchers pursing academic careers in primary care specialties. Recipients gain clinical and teaching skills and improve their ability to conduct independent clinical research in cancer control.

Moore

Raymond J. Dingledine Jr., Ph.D., recently received the American Society for Pharmacology and Experimental Therapeutics' Epilepsy Research Award at the society's annual meeting in Atlanta.

Dingledine is associate professor of pharmacology and is currently on sabbatical leave at the Salk Institute in San Diego. He was cited for "outstanding contributions to the pharmacology of anti-epileptic drugs," according to Robert S. Jacobs, a researcher who headed the award selection committee. The $1,000 award is sponsored by the Warner-Lambert and Parke-Davis drug companies.

Dingledine

Eric Schopler, Ph.D., director of Treatment and Education of Autistic and Related Communication Handicapped Children (TEACCH) program, recently met with President George Bush to appeal for more federal and state money for programs aiding autistic children.

Schopler said, "If the funds for service are not made available, temporary savings may be achieved, but at the cost of increasing behavior problems, family stress, marital disharmony and a less humane community," Schopler said. "In the long run, these adverse circumstances will result in needless waste of human resources and tax dollars."

Schopler chairs the Autism Society's professional advisory panel.

Nancy Nye, business manager, Department of Pathology, was among four UNC employees honored with the C. Knox Massey Distinguished Service Award for exceptional service.

Nye joined the Department of Pathology in 1990 and administers clinical and basic science operations with a budget of about $12 million. Previously, Nye was administrative manager of the Department of Biochemistry and Biophysics.

The Massey Award, which includes a citation and $1,250 for each winner, is administered as part of the Massey-Weatherspoon Fund established at UNC by three generations of the Massey and Weatherspoon families.

Larry R. Churchill, Ph.D., professor and chair of the Department of Social Medicine, has been elected to the Institute of Medicine. His appointment begins July 1.

The institute was chartered in 1970 by the National Academy of Sciences to enlist distinguished members of medical and other professions to examine public health policy. The 471-member organization acts under the academy's 1863 charter to advise the federal government and identify medical care, research and education issues.

Barbara S. Hulka, M.D., Kenan Professor and director of the Lineberger Comprehensive Cancer Center's cancer epidemiology program, has received The American Society of Preventive Oncology's Distinguished Achievement Award for 1991.

The society, composed of epidemiologists, geneticists, physicians, behavioral scientists and others interested in preventing cancer, honored Hulka at its annual meeting in Seattle in April.

Hulka, who is also chair of the Department of Epidemiology at the UNC School of Public Health, was recognized for her distinguished record as an educator and as both an analytical and applied epidemiologist.

Francine R. Smith, Ph.D., research instructor in the Department of Biochemistry and Biophysics, has received a Junior Faculty Research Award from the American Cancer Society's North Carolina division.

The three-year, $90,500 award will fund Smith's research project, "Structural Studies of Modified Human Hemoglobins." She is investigating how oxygen binds to human hemoglobin, the major protein in red blood cells.

Smith

Currently, the American Cancer Society is funding about $3.2 million worth of research at UNC.

Frank Wilson, M.D., professor and chief, Division of Orthopaedics, was elected to the Accreditation Council on Graduate Medical Education at the annual meeting of the American Board of Medical Specialities in Chicago. The Accreditation Council on Graduate Medical Education, a body which has representatives from all major national organizations concerned with graduate medical education, is the group that is responsible for accrediting residency programs in all fields of medicine throughout the United States.

Class Notes

Manning Berryhill Club

Ralph B. Garrison, M.D. '31, retired last December after 56 years of Family Practice. His pastimes are golf, playing rummy and watching UNC basketball on "the tube." He lives in Hamlet.

A. F. Hammond Jr., M.D. '32, reports that retirement is "still beautiful after 14 years." He says that he is in "comparatively good health for my tender age of 82."

Julien H. Meyer Sr., M.D. '35, is president of Physicians to Women, Inc. He recently added a sixth partner and moved to Community Medical Building, Suite 201, 102 Highland Avenue, S.E., Roanoke, VA 24013.

William H. Davis, M.D. '37, retired in 1983 and since then has been active in the California Alliance for the Mentally Ill. He served on CAMI State Board for four years and is now chair of the research committee. He says he is especially interested in research on the etiology of schizophrenias and the manic depressive psychoses.

Max M. Novich, M.D. '39, received the Golden Merit Award from the Medical Society of New Jersey honoring his 50 years of service as a physician and sports medicine pioneer. Novich established the sports medicine program at the United Hospitals Medical Center and the University of Medicine and Dentistry of New Jersey in Newark, where he was clinical professor of surgery. Novich resides in Edison.

George B. Patrick Jr., M.D. '40, is in his 13th year of general medicine practice with his son, George B. Patrick III, M.D.

John Chambliss, M.D. '43, has been awarded the Distinguished Internist Award by the North Carolina Chapter of the American College of Physicians. Chambliss, who was instrumental in the development of the statewide Area Health Education Centers Program, lives in Rocky Mount with his wife, Helen.

George McLemore, M.D. '46, is an assistant professor of medicine at Cornell School of Medicine and an attending physician at New York Hospital. He also practices internal medicine and cardiology. He says his visits to his large family in North Carolina are becoming more frequent.

Tom Newitt, M.D. '47, is writing a book of anesthesia anecdotes and short stories, as well as doing some CME question writing and blood bank work. He is also taking keyboard lessons. Newitt has two sons and a daughter.

Roy J. "Jack" Blackley, M.D. '51, is a consultant with the North Carolina Department of Human Resources. He was recently appointed clinical professor of psychiatry at Dorthea Dix Hospital in Raleigh. He reports that he is enjoying "semi" retirement, golf, travel and his grandchildren.

60s

Leo R. Anderson, M.D. '60, is a staff psychiatrist for Orange County Mental Health and the State of California Department of Corrections, living in Corona Del Mar, CA. He says he plans on retiring in about a year and moving back to North Carolina.

H. Mac Vandiviere, M.D. '60, is professor of pediatrics and cardiothoracic surgery at the College of Medicine at the University of Kentucky. He is also president-elect of the Southern Association of Geriatric Medicine of the Southern Medical Association. He lives in Lexington, KY.

Carl S. Phipps, M.D. '62, is the senior vice-president of medical affairs at Forsyth Memorial Hospital. He reports that all four of his children graduated from UNC. One son is a second-year medical student at UNC and another is a second-year student at the Bowman Gray School of Medicine.

William B. Deal, M.D. '63, is an associate dean at the University of Alabama School of Medicine.

Hugh W. Ridlehuber, M.D. '64, has received the "outstanding citizen award" for his assistance in helping police capture a serial killer. As a result of his work, he recently signed a contract with Universal Studios in Hollywood to be psychiatric consultant for the script and a film detailing the investigation and arrest of the serial killer.

Richard W. Honsinger, M.D., HS '65, was installed as governor for the New Mexico chapter of the American College of Physicians in April.

Donald P. Whitley, M.D. '65, is chief of staff, chair of the radiology department, and a board member at Johnston Willis Hospital near Richmond, VA.

John C. Triplett, M.D. '69, was recently named Regional Medical Officer for Nepal, after a transfer from Kinshasa, Zaire to Kathmandu. Responsible for the provision of health care for U.S. government employees in the region, he plans to be in Nepal until July 1993.

70s

Noel H. Ballentine, M.D. '74, is a primary care physician in Harwinton, CT.

William F. Cox Jr., M.D. '74, is chair of the Department of Pathology at Lutheran Medical Center in Golden, CO. He has two grandchildren.

Ken Kulp, M.D. '74, has closed his solo dermatology practice in Winston-Salem and moved to Raleigh to start a dermatology department for Kaiser Permanente. He has two daughters.

Class Notes

Jon M. Fusselman, M.D., HS '77, is in private pediatric practice. He lives in Muscatine, IA, with his wife, Sue, who is completing graduate studies in social work, and his three children. The eldest will enter the Medical College of the University of Iowa in August.

Scott Norwood, M.D. '77, is director, Critical Care and Trauma Services at Carle Foundation Hospital in Champaign, and was recently promoted to associate professor of clinical surgery at the University of Illinois College of Medicine at Urbana/Champaign. He says he is "living in the cornfields of Illinois" with his wife, Molly, and four sons.

Alan Stoudemire, M.D. '77, has been appointed as a member of the National Board's Psychiatry Test Committee. The board's examinations are designed to measure the knowledge and competence of medical students and physicians at various points in their careers. Stoudemire is an associate professor of psychiatry at Emory University School of Medicine in Atlanta.

Mary B. Day, M.D. '78, is associate director, Cancer Control Science Program, at the Fox Chase Cancer Center in Philadelphia, PA.

Hugh Craft, M.D. '79, is director of Pediatric Intensive Care at Children's Medical Center Community Hospital of Roanoke Valley in Virgina. He says his wife, Peggie, stays busy with their three children.

Carla J. Hinds, M.D. '79, is in private allergy practice in Pensacola, FL. She says she has "moved home" to Florida and is glad to be on the coast again.

Judy Jordan, M.D. '79, is now in her third year of working locum tenens for various dermatologists in Texas. "If any classmates find their way to San Antonio, feel free to call. Perhaps we can take a stroll along the Riverwalk."

James G. Peden Jr., M.D. '79, is assistant professor of medicine and psychiatry at the East Carolina School of Medicine. He and his wife, Charlene, have a son, born in January.

Paul Richard Woodard, M.D. '79, is chair of the Department of Anesthesiology at Wake Medical Center. He is also president of the new Raleigh School of Nurse Anesthesia founded by Wake, Rex and Raleigh Community hospitals.

80s

Kenneth E. Hollinsworth, M.D. '80, a Lieutenant Commander in the U.S. Navy, is a second-year anesthesia resident at the University of Pennsylvania while on active duty. He and his wife, Beth, have three daughters.

Edward (Eddy) T. Plyler, M.D. '81, is chief of staff at Grace Hospital in Morganton. He and his wife, Roben, are renovating an 83-year-old house.

Kevin R. Stone, M.D. '81, is a team physician for the U.S. Ski Team, the U.S. Professional Ski Tour and the Modern Pentathalon. He is an orthopaedic surgeon in San Francisco, CA, and has two daughters.

William Winkenwerder Jr., M.D. '81, is associate medical director of Kaiser Permanente, the Southeast Permanente Medical Group in Atlanta. He says he is enjoying his work in health care management and internal medicine and "loves" living in Atlanta with his wife, Pride.

Mark D. Pearock, M.D. '82, was called to active duty during Operations Desert Shield and Storm. After spending seven months at Camp LeJeune, he was released from the U.S. Navy March 30. Pearock is an obstetrician/gynecologist and resides in Mooresville.

Mary Bartels, M.D. '83, is a staff psychiatrist at Community Psychiatric Clinic in Seattle, WA. Her husband is a gastroenterologist and they have a daughter and a son.

Barbara H. Smith, M.D. '83, and **McCrae S. Smith, M.D. '85,** live in Lexington, KY, where she is a child psychiatrist and he is a neonatology fellow. They have one son.

Thomas John Zuber, M.D. '83, recently married Campbell University law student, Julie Mander Myers. He has also accepted a position as assistant professor of medicine in the Department of Family Medicine at East Carolina University School of Medicine.

Ronald P. Hargrave, M.D. '84, announces the birth of a son. He and his wife, Susan, live in Rock Hill, SC.

Len Auman, M.D. '85, will complete an anesthesiology residency at a Nashville hospital in December.

Elizabeth Engelhardt, M.D. '85, has joined an internal medicine practice in Silver Spring, MD. She recently married James Mandell, a pilot for Northwest Airlines.

Joseph A. Furst Jr., M.D., '85, has been practicing emergency medicine since completing his family medicine residency in 1988. He lives in Horse Shoe with his "wife, Barb, three children, a dog and loan payments." He is currently a member of Carolina Emergency Physicians and works with fellow classmate **Ely Zaslow, M.D. '85.**

Mitchell E. Gibson, M.D. '85, has been elected chief of staff of East Valley Camelback Hospital in Mesa, AZ. In that position he serves on the hospital's board of directors and chairs various committees.

Bennie L. Eure Jarvis, M.D. '85, recently joined the Carolina Otolaryngology Consultants, PA, in Rocky Mount. She says she and her husband, David, who has opened an endodontic practice, are overjoyed to be back in North Carolina.

Otis Speight, M.D. '85, lives and works in Lawton, OK, and is looking forward to returning to North Carolina. He is an emergency room staff physician at Comanche County Memorial Hospital and is a medical consultant at Talifeiro Mental Health Center.

Kelvin C. Harris, M.D. '86, is an obstetrician/gynecologist at the Women's Medical Center of Gaston. **Beverly Harrington, M.D. '87,** will be joining his practice in July.

J. Curt Jacobs, M.D. '86, joined the Pinewest Obstetrics/Gynecology practice last July. In May 1991, he received the Serle Donald F. Richardson Memorial Prize at the American College of Obstetricians and Gynecologists for his research on pelvic inflammatory disease. He and his wife, Gina, have three children and live in High Point.

S. Bruce Williams, M.D. '86, is an associate professor at the University of New Mexico Medical School. He lives in Tijeras, NM.

David A. Coggins, M.D. '87, is chief of pediatrics at Eielson Air Force Base in Alaska. He reports that he and his wife, Lisa, are enjoying life in the "Last Frontier State, especially now that break-up (a.k.a. spring) is here. Anyone wanting to see outstanding wildlife and magnificent alpine and sub-arctic terrain is certainly welcome."

Melinda McCord, M.D. '87, has returned to North Carolina after completing a three-year medicine residency at Medical Center Hospital of Vermont in Burlington. She is now working on a research project at Duke and lives in Durham.

Tom Paulson, M.D. '87, is a transport physician for the Department of Pediatrics at the Stanford University School of Medicine. He plans to move to San Diego after his June marriage.

Mark Robbin, M.D. '87, is a pulmonary fellow at the UNC School of Medicine and plans to begin a pulmonary critical care fellowship there this year. He, his wife, Amy, and son live in Carrboro.

Joseph E. Roberts Jr., M.D. '87, practices family medicine and is on the medical staff at the Choctaw Nation Indian Hospital in Talihina,.OK. He and his wife, Ramona, have two daughters.

Robyn Stacy-Humphries, M.D. '87, will begin a fellowship in body imaging at Georgetown University Hospital in July. She is a diagnostic radiology physician.

Bill Sutton, M.D. '87, is an orthopaedic surgeon in Charleston, SC. He'll soon begin a sports medicine fellowship at Hughston Clinic in Columbus, GA.

Paul R. Eason, M.D. '88, is an instructor of internal medicine and gerontology at the Bowman Gray School of Medicine. His and his wife, Margie, who will finish her residency in psychiatry at Bowman Gray in June, are the parents of a daughter, born last September.

Bret Stolp, M.D. '88, is an anesthesia resident at Duke University. He and his wife **Janet Stolp, Ph.D. '88,** have a son and a daughter.

Ruth Hazard, M.D. '89, is a second-year resident at Hershey Medical Center in Harrisburg, PA.

John D. Rossi, M.D., HS '89, is a neurosurgery resident in Decatur, GA.

90s

Cedric M. Bright, M.D. '90, reports that his medicine internship at Rhode Island Hospital in Providence is going very well.

Jayne Boyer, Ph.D. '90, is a staff fellow at the National Institute of Environmental Health Sciences. She is working in the laboratory of Molecular Genetics and is studying the fidelity of DNA polymerases.

Deaths

Edward Griffith Bond, M.D. '46
Charles "Chuck" Warren Williams Jr., M.D. '79

First Orthopaedic Surgery Chair Raney Dies

R. Beverly Raney, M.D., chairman emeritus of the Department of Orthopaedic Surgery, died in March. He was 84.

Raney was the first chairman of the UNC orthopaedic division, a position he held from 1952 to 1967. He was also responsible for establishing UNC's residency program in orthopaedics.

Raney

Raney's contributions to the School of Medicine were recognized by a Distinguished Service Award in 1972 and a visiting professorship bearing his name. His portrait hangs in the Raney Orthopaedic Library in the orthopaedic clinic of UNC Hospitals.

Raney, a Raleigh native, earned his undergraduate degree from UNC in 1926. He graduated from Harvard Medical School in 1930 and trained at the University of Rochester School of Medicine. He became the first resident in orthopaedic surgery at Duke University Medical Center.

His writings, which include 33 articles and book reviews, are well known in his field. In 1937, he was the co-author of the first edition of the "Handbook of Orthopaedic Surgery," now in its 10th edition.

Survivors are his wife, Carolyn, of Chapel Hill; and two sons, R. Beverly Raney Jr., M.D., of Houston, TX, and Thomas Blount Fuller Raney of Chapel Hill.

'It Gives Me a Sense of Connection To Give Something Back'

E. Carwile LeRoy, M.D.

Two internationally renowned South Carolina rheumatologist E. Carwile LeRoy, M.D., '60, "Carolina" refers to only one place—the University of North Carolina.

"Always has, always will."

A native Tar Heel, LeRoy shows his colors as an avid fan and supporter of UNC basketball and the UNC School of Medicine. "I was a medical student at UNC in 1957 when Carolina won its first national basketball tournament. Ever since then, I've been hooked. I'm a true TV basketball junkie," said LeRoy, who was recently installed as the 1991-92 president of the UNC School of Medicine Alumni Association at the Spring Medical Alumni meeting.

William E. Easterling Jr., M.D., associate dean for continuing medical education and alumni affairs, said: "Dr. LeRoy is one of our most distinguished alumni and he is a highly respected leader in American medicine. He has an impressive and long-standing loyalty to our school. I am eagerly anticipating our work together during his year as president."

LeRoy, whose hometown is Elizabeth City, is director of Rheumatology/Immunology and chair of the Department of Physical Medicine and Rehabilitation at the Medical University of South Carolina in Charleston. He looks at his appointment as alumni association president as a way to give some back to the state and school, that he says, gave so much to him.

"It gives me a sense of connection to give something back to my alma mater. I guess you might say that it's a part of my Southern Baptist guilt to try to give something back. I can't endow something, so I give of my time and energy."

And his connections to North Carolina and the School of Medicine run deep. After earning a B.S. degree (summa cum laude) from Wake Forest University in 1955, LeRoy went on to receive a M.S. degree in pathology and biochemistry from UNC, where he was awarded a John Motley Morehead Scholarship. In 1960, he earned his M.D. with academic honors.

He said luminaries in research like "Drs. Brinkhous, Burnett, Welt, Taylor, Fordham and Craige come to mind when I think of my years at Carolina. But I'd have to say that Dr. Burnett was probably the finest teacher I've had—he knew what you knew and didn't know, but he didn't leave you devastated when you were unsure of the answer to a question. He taught with the milk of human kindness."

LeRoy, who has lectured and held professorships in medical schools around the world, said he tries to carry that same compassion and drive with him when he teaches. In his travels, though, he says he came to admire the American educational system. "Those exotic places don't have the open learning environment—the give and take—we treasure here in the United States. In Saudi Arabia, I didn't see a student. They were all physicians. Everything was spit and polish. In Japan, the cultural considerations dictate a lot about the learning environment."

Besides holding memberships and offices in several professional societies, including the Arthritis Foundation, the American College of Rheumatology and the National Society for Clinical Rheumatology, LeRoy has been honored with numerous distinctions nationwide for his contributions to understanding systemic sclerosis, a progressively debilitating connective tissue disorder. Among his most notable honors are the Fogarty Senior International Fellowship from the U.S. Department of Health and Human Services and a 1988 UNC School of Medicine Distinguished Service Award.

In spite of all these accomplishments, however, LeRoy says his greatest source of pride is his family: wife, DeFord, a former English teacher and now Charleston tour guide; daughter, DeFord, who recently received a Ph.D. from Vanderbilt; and son, Carwile Jr., who is a UNC medical student.

LeRoy also commented about his 30-year career in research. "It has been stimulating to spend my career in research. I've never done enough to think that enough has been done, but it has been reassuring to have played a role in preventing problems and complications in the field of rheumatology."

LeRoy said he feels it's important, especially now, that UNC medical school alumni give something back to their school. "It's time we stepped up to do our duty. UNC is a state-assisted school, and we all know about the state cutbacks. We need to take more individual responsiblity for our school's need. It needs our support."

LeRoy's goal for the year is to persuade 51 percent of the medical school alumni to contribute and to "get a good percentage of them to contribute a lot."

President's Letter

One of the fondest memories of medical school is the annual spring skit, a time when all of the serious business of learning about disease, therapy and procedures could be happily and guiltlessly set aside and the human side of life brought forward with wit and good cheer. Do you remember "Exsanguination Blues" and "Mammaries Are Made of That"? Who were the skit "stars" of your years?

Of such are memories made, and those years (two or four) at the UNC School of Medicine gave us a lot of them. It also gave us a fine education and the ability afterward to serve well our patients, our profession and our community.

We needed the school back then, and it needs us now. We have the financial resources to help make a difference at a critical time when other sources of support are uncertain or declining. This year I plan to make my medical school a top priority for my support, and I'm asking you to join me. A $2,000 check to the UNC Medical Alumni Loyalty Fund from each person would be a helluva way to begin.

Then make plans to come back to the medical school alumni gatherings (November 15-16, 1991; April 3-4, 1992). We always have a good time, and who knows, you might run into some of those old "stars" there!

E. Carwile LeRoy

E. Carwile LeRoy, M.D. '60

P.S. If you do remember all of the words to the above mentioned tunes, or others used in the spring skits, send them in to the Alumni Affairs office, where we will collect them.

Photo by Dan Crawford

They're off to see the Wizard of Match at Skit Night 1991. The cast includes (far right) Paul Biggers, M.D., professor of surgery, as the Gatekeeper, and 1991 graduates, Richard Brostrom, the Tin Man; Frederick Beddingfield, the Scarecrow; Ed Wrenn, the Lion; and Amy Robbins, Dorothy.

CME/Alumni Calendar

Medical Alumni Activities		
November 15-16	Medical Alumni Weekend	Chapel Hill
April 3-4, 1992	Annual Medical Alumni Meeting	Chapel Hill
Continuing Education		
August 7-10	Pediatric Bronchoscopy	Chapel Hill
August 17	An Update: Infertility and Assisted Reproductive Technologies	Chapel Hill
September 7	Progress in Gastrointestinal and Liver Diseases	Chapel Hill
September 13	Clinical Advances in the Diagnosis and Treatment of Thrombolic Disease	Chapel Hill
September 20-21	What's New in Surgery and Ambulatory Care	Chapel Hill
September 20-21	Chemical Pathology in the 21st Century	Atlantic Beach
September 27-29	Robert A. Ross Society (Dept. of Ob/Gyn)	Williamsburg, VA
October 2-4	International Symposium on Acute Renal Failure	Chapel Hill
October 3-5	Practical Geriatrics	Chapel Hill
October 7-11	Pediatric Transport Institute	Chapel Hill
October 11	Laboratory Aspects of Organ Transplantation	Chapel Hill
October 18	Cost-Effective Management of Coronary Artery Disease	Chapel Hill
November 15	Prostate Cancer: Screening and Treatment Controversies	Chapel Hill
November 16-17	George Ham Symposium (Dept. of Psychiatry)	Chapel Hill

For more information about CME courses or alumni activities, write the Office of Continuing Medical Education and Alumni Affairs, School of Medicine, 231 MacNider, Chapel Hill, NC 27599-7000 or call 1-800-862-6264.

Nonprofit Organization
U.S. Postage
PAID
Chapel Hill, NC
Permit No. 24

PERIODICALS DEPARTMENT
HEALTH SCIENCES LIBRARY
CB 7585
CHAPEL HILL NC 27599

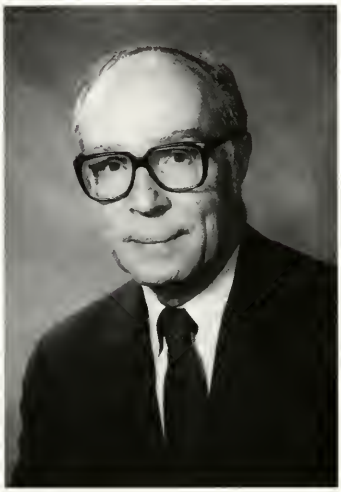
Fall 1991

Medical Alumni BULLETIN

School of Medicine, University of North Carolina at Chapel Hill

Trauma's Golden Hour, page 5

Dean's Page



Since this is the first issue of the *Alumni Bulletin* to appear during the Bicentennial Campaign of the University, I want to use this opportunity to reflect upon the importance of the relationship between the School of Medicine and the University and the importance of the Bicentennial Campaign to both the School of Medicine and the University.

Despite the fact that some of the world's oldest universities developed out of medical schools, medical schools and universities have not always been comfortable bedfellows. I know of one medical school whose deficits nearly bankrupted its university, and I know of another university in which the faculty successfully resisted efforts to develop a medical school.

On the other hand, many great American universities have clearly been strengthened and enriched by the presence of medical schools within them, and it is a fact that, with only a few exceptions, the nation's great medical schools are a part of great universities.

Our medical school has been nurtured by this University for 112 years. It was sited on the University campus at the time of expansion to a four-year medical school as a purposeful commitment to integral ties to the University.

In my judgment, this arrangement has served well both the University and the School of Medicine. The School of Medicine has derived organizational and academic standards and stability from the University, along with specific academic support in a number of disciplines. The University has derived an expansion of its scope and a substantial interface with the people of the state, through its responsibility for the School of Medicine.

The Bicentennial Campaign and celebration of the University provide an opportunity to recognize, honor and extend these relationships.

The goal of the Bicentennial Campaign of the University will be $320 million. Of that, the School of Medicine is committed to raise $47 million for our school. Donors can designate their gifts to be unrestricted or to be used for any of a very large number of special purposes. For example, there is opportunity to endow chairs, professorships, lectureships, fellowships and scholarships. All of our departments would benefit immensely from having departmental endowment. We have major facility needs, such as an auditorium that could accommodate our medical school classes, and additional research space. The Lineberger Comprehensive Cancer Center is in the midst of a campaign as a part of the Bicentennial to double the size of its building.

The Alumni Loyalty Fund and the Medical Alumni Endowment Fund are also immensely important resources for our programs. These and many other projects constitute the School of Medicine's share in the Bicentennial Campaign. At some point, each alumnus will be approached to give to the Bicentennial Campaign. I would like to urge that you not wait for that approach. Medical education in North Carolina has always been one of the world's great bargains. The life of each graduate has been shaped profoundly by medical school experience. Tuition paid only a small fraction of the cost of that experience. As a part of the Bicentennial Campaign, I urge you to consider making a substantial, major gift to the School of Medicine or to your personal favorite program in the school as a means of recognizing the contributions of the school to your professional and personal development.

I hope many alumni will want to give as well to the University, its library, its College of Arts and Sciences, or its very important unrestricted endowment. A gift to the University is a gift, too, to the School of Medicine.

James Copeland, executive director of the Medical Foundation, or Jane McNeer, assistant director for development—alumni affairs, (919) 966-1201, would be pleased to describe opportunities for giving in more detail to you. Of course, Bill Easterling or I will be happy to discuss these things, as well.

I hope each one of you will give serious thought to a Bicentennial gift to the School of Medicine and the University as a means of expressing appreciation.

Stuart Bondurant

Stuart Bondurant, Dean

Medical Alumni BULLETIN

School of Medicine, University of North Carolina at Chapel Hill

Alumni Publications Advisory Committee

W. Grimes Byerly, M.D. '50
ex officio

Nancy C. Chescheir, M.D. '82

William E. Easterling Jr., M.D. '56
ex officio

Gerald W. Fernald, M.D. '60

George Johnson Jr., M.D. '50

Janice C. Keene, M.S.

E. Carwile LeRoy, M.D. '60
ex officio

Kenneth J. Levin, M.D.

Jane McNeer
ex officio

William S. Pollitzer, Ph.D.

David A. Rendleman, M.D. '70
ex officio

Stephanie C. Stadler
ex officio

John W. Stokes
ex officio

Editor

John W. Stokes,
Director, Institutional Relations

Michael A. Wagoner,
Managing Editor

Beverly B. Thompson,
Associate Editor

The *Medical Alumni Bulletin* is published four times annually by the University of North Carolina at Chapel Hill Medical Alumni Association, Chapel Hill, NC 27514. Postage is paid by the non-profit association through U.S. Postal Permit No. 24. Address correspondence to the editor, Office of Medical Center Public Affairs, School of Medicine, CB #7600, University of North Carolina, Chapel Hill, NC 27514.

Contents

Features

Profile on Dr. James H. Scatliff: 'One of the Great Teachers of This Time' 2

Focus on Trauma Care at UNC: The Golden Hour—Medicine's 60 Minutes 4

UNC Alumnus Carries the Banner for Family Medicine in North Carolina 7

Dr. Bill Bakewell Discusses The Making of a 'Good Doctor' 9

Departments

Dean's Page . . . . . Inside Front Cover

News Briefs 11

Faculty Notes 17

Honor Roll 20

Class Notes 47

President's Letter . . . . . Inside Back Cover

Alumni/CME Calendar . . . . . Back Cover

On the Cover

Time is critical in the treatment of trauma cases, and it can make a difference in survival. Beginning on page 5, UNC physicians comment on the importance of care rendered during the "Golden Hour."

'One of the Great Teachers Of This Time' Looks Forward To a New Career Phase

By William M. Burrus

Editor's Note: An institution within an institution, James H. Scatliff, M.D., has retired as chair of the Department of Radiology of the UNC School of Medicine, a post he held for 25 years. His contributions have been enormous, leaving an indelible impression on the character and spirit of the UNC medical center.

Among James Scatliff's earliest memories are generators, cables and big glass X-ray plates in his parents' home in Chicago. His father, H. Kenneth Scatliff, M.D., became one of the nation's first licensed radiologists in 1915, before shifting his practice to medicine and surgery.

Growing up in a medical environment in the early days of medical imaging, the younger Scatliff's interest fused into a veritable "calling" to medicine and, ultimately, to radiology. Thus, James Scatliff received his medical degree from Northwestern University in 1952, and "the rest is pretty uneventful," he says.

"Malarkey," say his colleagues. Scatliff has received national and international esteem for his many contributions over the years to medical administration, teaching, research and clinical radiology—especially pediatric radiology and neuroradiology.

Many of his accomplishments are documented in peer-reviewed journals in which he has been author or co-author of some 70 articles; in leadership such as his past presidency of the Association of University Radiologists; and in the fact that nearly 100 residents and fellows have been trained in radiology during his tenure, and 100 student technologists trained in the department have gone on to receive bachelor of science degrees from the University.

This listing, however, does not account for the characteristics that describe the man himself—those ingredients that are so readily reported by his students and peers: Wit. Warmth. Wisdom.

Richard L. Clark, M.D., associate department chair, said Scatliff's relationship with students has been in a league of its own—students have named him the UNC School of Medicine "Professor of the Year" three times, in 1968, 1972 and 1976. He also won the Hyman L. Battle Distinguished Excellence in Teaching Award in 1989.

Scatliff was honored as the recipient of the UNC Medical Alumni Association's Distinguished Faculty Award for 1988-89. In making the presentation, Dean Stuart Bondurant, M.D., said, "A man of droll humor, Dr. Scatliff possesses tenacious allegiance to radiology and gains tremendous satisfaction from helping students understand what he calls 'the detective work behind the film.' "

"It's been a real pleasure working with Jim Scatliff all these years," Bondurant added. "He has a strong view about the centrality of radiology in the health care field. He once suggested that the most efficient way to run this medical center was to put CT and MRI scanners on the pedestrian bridge from the parking deck, so that everybody would get their scan on the way to the hospital. He thought with that plan, histories, physicals and all the other tests could be shortened dramatically.

"Now, Dr. Scatliff said that jokingly," Bondurant noted, "but he said it with a certain amount of conviction that characterizes his approach to radiology. It is hard to characterize the full impact he has had on the lives of the people who have worked around him, the generations of physicians he has trained, radiologists as well as other specialists. Equally hard to describe is his tremendous impact nationally, the respect with which he is held by the leaders of American radiology as one of the great teachers of this time."

If Scatliff was destined to become a physician and a radiologist, other steps along life's paths were not so clearly foreordained. His premedical studies at Northwestern were interrupted by a draft summons that ultimately led him to become a staff sergeant in a medical battalion in the 6th Division of the Army of Occupation in Korea in 1946-47. With some self-deprecation, the 6-foot-4 Scatliff said this turning point in his life may have been dictated by the fact that the regiment needed a new basketball center, a mission he carried out successfully along with his task as caretaker of the unit's medical supplies.

"The Army experience was very helpful," he recalls. "It is probably one of the reasons I like being involved in administration. As a sergeant, I had to work with people to get things done."

Once, Scatliff recalled, an American inspector general showed up unexpectedly at the medical unit's headquarters. He especially wanted to see the walk-in, gasoline-driven refrigerator holding medical supplies that needed to be kept cool, such as the then-new miracle drug penicillin. The antibiotics took little space, Scatliff admits, and the regiment's cold, ceiling-high stack of beer filled the rest of the refrigerator.

"I was shaking in my boots," Scatliff said.

"When the general saw the beer I apologized, but he seemed to understand the need for this. I asked if he'd like a case in his tent that night, and he said he would. That's how I learned to negotiate."

After 18 months in the Army, Scatliff returned to Northwestern to earn his medical degree. He completed an internship at Cook County Hospital and a residency at Michael Reese Hospital, both in Chicago. Scatliff was certified by the American Board of Radiology in 1956.

"I had grown up in Chicago, my parents were still there, and I had strong ties in the area," Scatliff said. "I had planned to return to one of the Chicago suburbs to establish a private practice in radiology. But some fascinating work in angiography was under way in England and Sweden, especially at Karolinska Hospital in Stockholm. I spent six months in those countries studying angiography, and when I returned I was not so sure I wanted to go into private practice.

"I heard there was a junior faculty position available at the Yale University School of Medicine. I wasn't married at the time, so I loaded my car and went to New Haven. I liked being involved in radiology research being done there, so I remained at Yale, except for taking a leave of absence in 1962-63 to do neuroradiology at St. George's Hospital (in London, England, under a National Institutes of Health fellowship grant).

"I was asked down to UNC-Chapel Hill for a visit in August of 1966 by Dr. Ernest Craige, head of a search committee for the radiology department chairmanship, and Dr. Isaac Taylor, who was dean. During that visit, I found out how hot, as well as how beautiful, Chapel Hill can be. More importantly, I learned that this institution was a strong, growing, vigorous one and Dean Taylor was a very persuasive, charming person."

Scatliff's wife, the former Irene Andresen of Minneapolis, was immersed in her own career at the Gesell Institute of Child Development in New Haven when they met. Later, she gave up her career in favor of the family. The Scatliffs have two grown daughters.

"Irene's the only reason I have been able to survive 25 years as chair of radiology," Scatliff said. "She has been a wonderful helpmate."

In many ways, their future holds "more radiology." Joseph K. T. Lee, M.D., the new department chairman, has asked Scatliff to stay aboard, taking an office in the hospital's West Wing. His new schedule includes clinical work in neuroradiology, teaching and research.

Scatliff said his mind and vision are filled with projects he hopes to help bring to fruition by the century's end. He has had "hands on" pioneering roles over the years in the development of microangiographic techniques, computerized tomography (CT) and magnetic resonance imaging (MRI). Now, he hopes to devote more quality time to his research interests, especially advances in MRI.

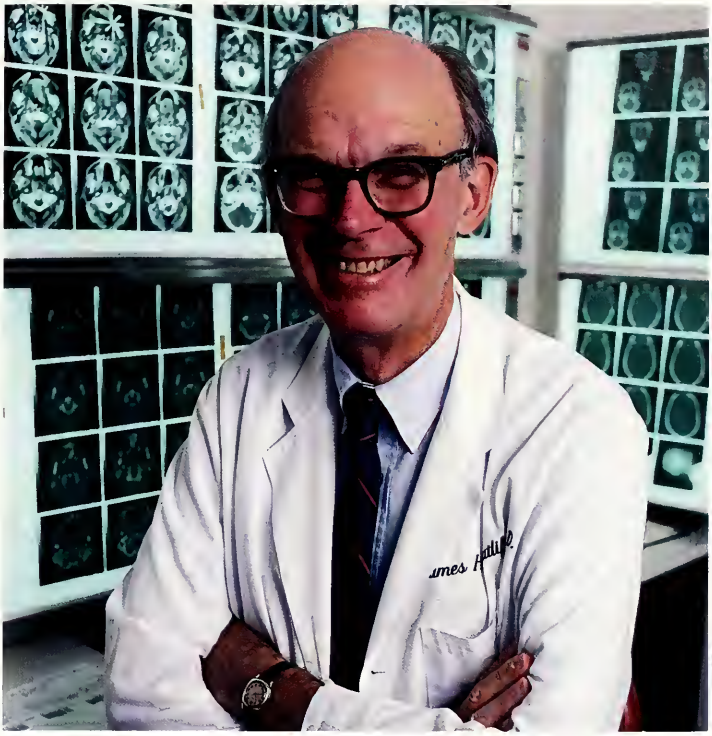


Photo by Dan Crawford

James H. Scatliff, M.D., former chair of the Department of Radiology, in his element—surrounded by neuroradiologic images.

Scatliff is working with Stephen K. Powers, M.D., associate professor of neurosurgery, on refinements in the MRI assessment of tumors before and after various treatments; with Lester Kwock, Ph.D., associate professor of radiology and a spectroscopist, on MRI metabolism studies and with postmortem MRI studies of the brain.

"The advantage of MRI in neuroradiology," Scatliff noted, "is that the anatomical and pathological detail are so remarkable that it is almost like—well, like you're holding the brain. And soon with MRI we will have the capability to see the vessels going to the brain and in the brain—the arteries as well as the veins—without catheter or injections, just the scanner. Perhaps not the tiniest of vessels, but those associated with tumors and aneurysms.

"I think that before the end of the century we will have three-dimensional MRI reconstruction of the brain (and other organs) on a fast, practical level that will become important for neurosurgeons in carrying their work forward. With 3-D representations on a television screen, surgeons could then turn the brain around and 'see' it from any direction. If they are looking at a tumor affecting a certain part of the brain, think of how important it is to know what the other side of the tumor looks like."

Also by the year 2000, Scatliff said he believes that color-coded MRI maps of metabolic activity of the brain and other organs will become a clinical reality. "We will be looking at the phosphorous and lactic acid metabolism in tumors, for example, that provide more than just visual information as to the extension and growth of the tumor, but also what may be causing the tumor to grow."

Scatliff says he believes that by the turn of the century, UNC—with its hospitals and School of Medicine—will be the leading medical center in the South. He smiles and says, "I'm glad to have been a part of that."

The Golden Hour: Medicine's 60 Minutes

By Val Lauder

The opening is familiar. The stopwatch fills the TV screen. The second hand moves—tick, tick, tick. Then the minute hand. Viewers settle in for that night's stories on "60 Minutes."

Medicine, too, has its 60 minutes. It's called the "Golden Hour."

During these 60 minutes, the treatment you receive may mean the difference between life or death if you are victim of a serious injury. And about 57 million Americans—one in four—were injured in 1985, according to a National Academy of Science report to Congress in 1989. Also in the report:

- 150,000 Americans will die from injuries annually. (While falls are the leading cause of injury, motor vehicle injury is the leading cause of injury death.)
- The young and males are at greatest risk. Four of five injuries are sustained by those under 45.
- Injury is the leading cause of death for Americans under 45 years of age, while it is the fourth leading cause of death in all age groups.

As many as 25,000 deaths may be due to lack of access to a trauma system that can give skilled treatment within the Golden Hour.

The term Golden Hour came into use as an outgrowth of the work of R. Adam Cowley, M.D., at the Maryland Institute for Emergency Medical Services Systems in Baltimore, showing the importance of the first 60 minutes following trauma.

"It's not a scientific term, but it does seem to have a fair amount of validity," said George F. Sheldon, M.D., chair of the Department of Surgery, a national authority on trauma who has been honored in 1991 as the Scudder Orator on Trauma for the American College of Surgeons.

> **"We saw injuries as accidents; they were unpredictable. Now the field is very disparate. Injury is as big as all diseases combined."**
>
> **Mark Rosenberg, M.D.**
> Director, Injury Control
> Centers for Disease Control
> American Medical Association News,
> May 20, 1991

"We view it more as a window of time; an alarm doesn't go off in one hour. For some injuries, it may be less than an hour or it may be 90 minutes, two hours or more. But the concept of the Golden Hour is understood and accepted widely."

Christopher C. Baker, M.D., professor of surgery and director of the UNC medical center's trauma service, said, "Many of the studies that were first done, notably by Dr. Cowley, came from densely populated urban areas.

"In our state," Baker said, "more than half of the trauma patients haven't even seen a physician by that time. Because North Carolina is a large, rural state, the first 60 minutes are often spent on the road."

One of Sheldon's closest associates is trauma surgeon Donald D. Trunkey, M.D., of Portland, OR. He is the author of an article on trauma that appeared in *Scientific American* in 1985 that showed the relationship of the Golden Hour to "Immediate Deaths," "Early Deaths" and "Late Deaths."

Sheldon puts a slightly different emphasis on the three categories. "There's a group of people who are so mildly injured that speed of transport to a place of treatment is not critical to their recovery. At the other end of the spectrum, there's a group of people who are so badly injured they are basically beyond medical treatment. In these extremes, the Golden Hour doesn't come into play because the course is pretty well set from the nature of the injury.

"There's a middle group, however, where time is critical—getting the patient to a Level I Trauma Center promptly makes a difference in survival. There is now a substantial quantity of data available and it is very, very clear."

Sheldon said the problem can be complicated further when the seriousness of the injury or injuries—collapsed lung, fractured pelvis, lacerated liver—may not be obvious at first.

"For trauma patients, their illness evolves in a matter of minutes, sometimes seconds," he said. "When you have an illness evolving that quickly, your assessment at 9 p.m. may bring you to a conclusion that, at 9:15, will be a different one.

"The point I'm making may be obvious, but...patients don't come into the emergency room wearing a sign saying, 'I have a ruptured spleen.' The extent of injuries cannot always be determined immediately on the scene by emergency medical personnel; sometimes you have to have some observation time, and some tests, to identify the problem. And even then, sometimes it's not so clear."

According to Robert Rutledge, M.D., assistant professor of surgery, data gathered through the North Carolina Trauma Registry (a computer network of the trauma centers in North Carolina), which is supported by the Office of Emergency Medical Services in Raleigh, 85 percent of those injured are fine going to the nearest hospital.

Baker said, "What Dr. Rutledge has shown with his data, and that we have recognized is, as Dr. Trunkey put it: 'One of the key things is getting the right patient to the right facility at the right time.' "

What can influence the "right time" is whether seriously injured patients should be initially evaluated in local, community hospitals. If a seriously injured patient has to be transferred later to a Level I Trauma Center, how much of the Golden Hour has been spent?

"For the patient who comes to the trauma center from the scene, the average length of time in North Carolina is 90 minutes. For the patient who comes from the scene to another hospital and then to the trauma center—the mean length of time is four hours," Rutledge said.

According to data from the N.C. Trauma Registry, only 15 percent of the people suffer injuries serious enough to activate the trauma system.

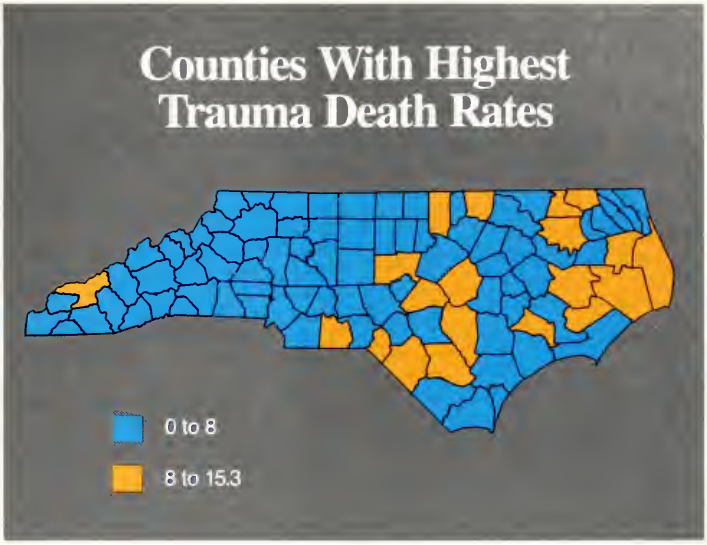
Determining which ones do, is key—early.

"The term for this," Baker said, "is called triage, which really comes out of the military. It's a term for sorting patients. There are patients who are going to die, no matter what you do. There are some who are going to get well, no matter what you do. We want to sort out those patients who are at substantial risk for dying."

Patient evaluation as well as certain medical procedures can be done by trained personnel at the scene of an accident. But this raises other questions.

"How long," Sheldon asked, "should people stay at the accident site, start intravenous lines, give fluids, work on airways—because that's using up the Golden Hour—as opposed to 'load and go,' just put them in an ambulance or put them in a helicopter and get them here?

"If someone's having a lot of airway trouble, you don't have the option to load and go. They've got to be taken care of on the spot. On the other hand, there are occasions—a collapsed lung or a patient getting into low-blood-volume shock—where they will need something that can't be taken care of at the site. There's just nothing you can do there. You'd better get going. And, again, the people don't have a sign that says which one they are.



"There's lots of judgment, lots of responsibility at the accident site," said Sheldon.

Should a helicopter be brought in, or is there time to take the patient via ambulance?

At UNC—in April 1990, to take one month—of those trauma patients who arrive directly from the scene, 46 percent came by ambulance, 32 percent by private car, 15 percent by helicopter and 7 percent by other means.

Baker said there is a group in North Carolina that is working with the Office of EMS in Raleigh to develop a statewide trauma transportation system, "and that is, if you're hurt in Dunn off I-95, you will get to an appropriate facility as quickly as possible. Whether that means using a helicopter or going by ambulance, or whatever, you will get from point A to point B."

Where the decision of the emergency medical personnel at the scene is not dictated by law or local policy, the question arises, should the victim be taken to the nearest hospital—or, should they spend two, five, 10 or more minutes on the road to reach a Level I Trauma Center?

"In urban areas you would bypass other hospitals to get to the trauma center," said Anthony A. Meyer, M.D., professor of surgery and director of the Surgical Intensive Care Unit, "because the couple of extra minutes is a good trade-off for the expertise and quality of emergency medical care delivered. People who are severely injured are best off when treated in a place that is used to taking care of seriously injured patients."

As a Level I Trauma Center, UNC has a trauma team on call at all times. Baker said the UNC trauma team is run by general surgeons who coordinate the treatment. "We act as the patient advocate," he said. "We call in specialists, but the trauma service coordinates."

Sally J. Trued, M.D., assistant professor and acting director of the Emergency Department, describes the action: Many times the hospital staff receives advance notice with an estimated time of a patient's arrival, but this isn't always the case. Either way, the hospital communications center sets off the trauma beepers—special beepers worn by the members of the trauma team that day. The trauma team assembles in the Emergency Department's trauma room.

"The trauma room," Trued said, "is specially geared toward all the physiologic phenomena that occur with injury, as opposed to a heart attack or diabetic shock. There is a specific pathophysiology that occurs with trauma, as Dr. Cowley and others have shown. What is this complex set of things that occur when somebody's injured that makes it different from being in shock from a heart attack? There's a difference," she said.

Indeed, in ways that doctors still do not fully understand, despite all the research, multiple injuries magnify the danger to the trauma patient, far beyond the obvious. Or as Meyer put it, "With victims who have

Trauma Takes a Grip on America
(U.S. statistics)

Motor Vehicle Injuries
- 45,000 deaths annually
- 29,000 deaths under age 35
- $75 billion cost
- 15% of crashes = 65% of cost
- 500,000 hospitalizations
- 4.8 million less severe injuries

Rehabilitation
- 20,000 new spinal injuries annually
- SCI $6.2 billion annually
- 70,000 moderate-severe head injuries annually
- 2.6 million chronic disabled low back pain

Violence
- 4.5 million assaults
- 1.3 million injured
- 20% of all injury deaths—suicide
- 22,032 homicides—1988
- Homicide leading cause of death, black males age 15-24

Occupational Injuries
- 11,000 deaths
- 88,000 hospitalizations
- 75,000,000 work days lost

Source of statistical information: *Third National Injury Control Conference* (AMA News, May 20, 1991)

multiple injuries, the effects are synergistic—the total effect is more than the sum of the parts."

Trued said, "To meet the needs—sometimes the injuries of the incoming victim are known, sometimes they are not—the trauma team consists of a wide range of medical personnel. Anesthesiologists, blood bank, trauma service residents and attendings, neurosurgery, radiology—there's a whole list of people."

There are a series of protocols for use in the Emergency Department—pediatric protocols, adult protocols, neurosurgical trauma, trauma in the obstetrical patient, orthopedic trauma. But the basic protocols are for adult and pediatric trauma. The protocols revolve around the idea that you first attend to the basics, the ABCs—Airway maintenance with C-spine control, Breathing, Circulation with hemorrhage control.

The protocols give everybody a role to play and help to define that role in order to minimize the confusion that naturally ensues in such a tense situation. Trued said, "We have functions defined for the trauma team leader (the person who directs the resuscitation), the nursing staff, the residents and so forth.

"The protocols define everything, including what needs to be done by the nursing assistants and the ancillary services—X-ray, blood bank, respiratory therapy. Because we have so many people involved in these resuscitations, these protocols are absolutely essential."

UNC Hospitals is one of five Level I Trauma Centers in North Carolina and in 1990 treated 1,240 trauma patients. "We were notified in May of our re-verification as a Level I Trauma Center by the American College of Surgeons," Sheldon said. "This is indicative of the medical center's total commitment to quality patient care."

He said the resources that are needed to become and maintain Level I Trauma Center status are significant. "It probably costs $8 million to $10 million a year for a hospital to be a Level I Trauma Center," Sheldon said. "It's very resource intensive. Not every hospital is willing or able to provide that type of service.

"At UNC Hospitals, we are investing in trauma care in a major way," said Todd Peterson, director of operations. "We will be building a new Emergency Department to be located on the ground floor of the new North Carolina Neuropsychiatric Hospital. We break ground for that facility in April."

The new Emergency Department will occupy about 35,000 gross square feet (nearly four times the size of the present facility) and contain three resuscitation rooms geared toward trauma with overhead X-ray that can slide on a track from one room to another. CT scan support will also be available in the department, so as to reduce internal transportation and waiting time. Laboratory, pharmacy and dedicated pediatric facilities will improve emergency services, Peterson said. In addition, Carolina Air Care will have offices and team quarters in the new building as well as helipads on the roof.

Nationally, trauma accounts for more hospitalizations than childbirth or any disease, according to Sheldon.

"This country lost 58,000 human lives in Vietnam in 10 years of war," Sheldon said. "We'll lose 150,000 from injury in the United States this year alone. Roughly three times as many people will die from injury this year as have died from AIDS since it became recognized as a disease."

Rutledge added, "The quote that is often used is that 'Trauma is the last unaddressed plague of modern America.' "

It remains a fact that some patients survive the Golden Hour and their resuscitations only to die later in the Intensive Care Unit. "These are the trauma patients who survived initial problems, but then go on to develop infections or what we call multiple organ failure," Baker said.

UNC's mortality rate for trauma patients in the hospital service—"seeing the most severely injured," as Baker put it—is remarkably low: 6 percent. "National figures would indicate that for this type of population, a mortality rate of anything under 10 percent is quite good," he added.

"We can usually do something about the patients we see within the Golden Hour time period."

But it all starts—beyond prevention, which all of the doctors stressed—with the victim receiving help as soon as possible at the site and then getting the right patient to the right facility in the right amount of time.

Thomas R. Griggs, M.D., professor of medicine and pathology, and acting chief, Division of Cardiology, has been active in developing, expanding and improving the emergency medical system not only in Orange County but throughout the state.

"Because of the Golden Hour concept," Griggs said, "we have established 911 emergency medical program protocols. For example, while ambulance crews move to the scene according to protocol, the 911 dispatcher provides help to the citizen who initiated the call—telling him or her how to direct the ambulance and how to deal with some of the medical issues—to open airways, stabilize necks and do the things to make it safer for the victim until the help arrives.

"All the things that happen—the technical part of the extrication and care in the field have been modified somewhat by knowledge of the Golden Hour to increase efficiency, reduce response time and improve communication all along the way between the people in the field and the people in the hospital," Griggs said.

"This helps us stretch the Golden Hour."

Hope Mills Physician Dreams Of Things That Never Were And Asks, 'Why Not?'

By Wes Lefler

Douglas E. Henley, M.D. '77, fondly remembers that brilliant day in June 1988 when a new jewel was added to the crown of the School of Medicine of the University of North Carolina.

"It was a glorious, sunshiny day," he remembers.

Medical educators, legislators and alumni from across North Carolina gathered in Chapel Hill to break ground for the medical school's new Family Medicine Center.

It was a notable day for Doug Henley. As president of the North Carolina Academy of Family Physicians, he was a keynote speaker for the organization that had worked long and hard to bring the new center to Chapel Hill.

He quoted from English playwright George Bernard Shaw on that momentous occasion:

"Some men see things as they are, and ask, why? I see things that never were, and ask, why not?"

For some, the groundbreaking was a symbolic culmination of a lengthy political and legislative process.

But it was much more than that to Doug Henley. It was the promise of improved medical care for vast underserved areas across North Carolina.

"The dream of this building was now a reality. It was time to make reality work for the people of North Carolina," he said.

(The Aycock Family Medicine Building at the UNC School of Medicine was dedicated in September 1990. Highlights of the ceremonies were reported in the Winter 1991 issue of the *Bulletin*.)

Douglas E. Henley, M.D.

Photo by Don Earley

Doug Henley is committed to family medicine, and he is proof that you can go home again—to the town where he was born and raised, Hope Mills.

Hope Mills is a community of 8,000 that is nestled just below Fayetteville in southeastern Cumberland County.

The Henleys' roots in Hope Mills run deep.

John T. Henley Sr. served nearly 20 years in the North Carolina General Assembly as both a state senator and representative from Cumberland County. He is now executive director of the North Carolina Association for Independent Colleges and Universities. His wife, Becky, is involved in the family pharmacy business in Hope Mills with Bobby, the second of three sons.

Eldest son John Henley Jr., M.D. '72, is an otolaryngologist in Fayetteville.

"Even now, 85 percent of North Carolina's counties don't have enough primary care physicians," Henley said. "AHEC (The Area Health Education Centers network) has helped, but North Carolina still has a critical shortage of family physicians. Here in Cumberland County we need another 20 to 30 family physicians."

What is the problem? And what is the solution?

"Our medical education system is churning out too many subspecialists and not enough primary-care-oriented physicians," Henley said. "We must expand our residency positions in primary care. There must be a reallocation of dollars that are already there. Such a change may require special laws.

"Medical schools may want to change their curricula to make family practice more attractive. And medical schools need to decide how to upgrade family practice," he said.

"Many medical school faculty members belittle family medicine. They make fun of family doctors and imply that family doctors are professionally inferior to other specialists.

"Such talk from a highly respected senior faculty member can change the direction of a young person's career and rob a North Carolina community of a much-needed family doctor," Henley said. "Our medical schools should not tolerate such subversion. At least we can attempt to retain the 25 percent of medical students who started medical school favoring family medicine.

"We must search for creative economic incentives that will help to turn the tide in favor of more family doctors and improved community health care," Henley said. "As an additional incentive, medical schools may want to double the salary of family practice residents. Or, they could forgive medical school costs — whatever it takes to upgrade family practice and expand its ranks."

Henley began his family practice in his hometown of Hope Mills in July 1980 with Chris Aul, M.D. HS '80. They were both family practice residents at UNC from 1977-80.

They started out in a new 5,000-square-foot building, and later expanded to 6,000 square feet. Computerized from the beginning, the state-of-the-art clinic will soon expand to 10,000 square feet.

Their comprehensive medical care clinic includes five family physicians and two physician assistants, a large hospital practice and a satellite clinic.

"My primary goal has always been to be a good family physician," Henley said. "It is important for me, and it gives me great satisfaction."

He said he is seeing more marital problems than ever before. Both parents having to work creates more stress, he notes.

Stress and depression may not be on the rise, but he thinks more people are willing to recognize symptoms of stress and seek treatment. Henley also said he spends a great deal of time treating addictive behavior.

"Of course, tobacco and alcohol create our worst health problems. Prescription drug addiction is in third place.

"Addictive behavior is difficult to control. Obesity is a great problem. We are seeing increasing numbers of young people who are too fat, with no exercise and poor eating habits.

"We spend a great deal of time focusing on nutrition. We constantly push for low salt, low cholesterol and high fiber. We see the word spreading to more and more segments of the population."

Also, Henley said he sees some patients who are confused about which vices to give up and which ones to keep.

"Patients come in here smoking like a smokestack, and they're worried about cholesterol! I'm worried about them and their mistaken judgments."

The four major chronic illnesses that he sees in his practice are hypertension, diabetes, coronary heart disease and chronic lung disorders. The most frequent forms of cancer that he sees are lung, breast and colon.

Up to 40 percent of Henley's patients have psycho-social problems that he must treat. And a much higher percent suffer from problems related to little or no exercise. "I treat everyone and everything that comes in the door, about 24 patients a day, on average, with comprehensive care that is compassionate and caring."

This is his community. . .and home. His patients are his neighbors.

Doug Henley grew up in Hope Mills, and as a teenager at Hope Mills High School he met Mary Stone, the daughter of Rev. and Mrs. Amos Stone. They were married in 1973 just after he completed his undergraduate education at Chapel Hill.

Together they stayed in Chapel Hill when he began his medical education. Mary had received her degree in 1972 from the University and worked while he attended medical school.

"Those first two years of medical school were lots of fun, but the most fun was during my third and fourth years when I began seeing my patients.

"My role models as I grew up were family doctors," he said. "I thought being a family physician was the best way to serve other people. When I discovered comprehensive care, I knew I had found my life's work."

Henley said some of his fondest memories in Chapel Hill relate to his favorite faculty members.

"Wesley Fowler, a good surgeon and a wonderful role model. A very caring man.

"George Johnson, a good teacher who gave lots of time to his students.

"James Bryan, a renowned teacher and a great guy.

"Ed Shahady. I was really impressed with him. He gave so much time to his students and residents. He was a superb clinician and teacher."

Henley said he intensely enjoys medical politics—a passion and hobby. This year he is running for one of three seats on the American Academy of Family Physicians Board of Directors.

"My wife and I also enjoy scuba diving in the Caribbean about once a year," he said. "And we enjoy frequenting gourmet restaurants across America.

"I just don't have the time for other hobbies. At one time when I was a boy I did collect old Boy Scout badges. I think they may be up in the attic somewhere."

Doug Henley's office reflects his dedication to professionalism. Diplomas, plaques, certificates of achievement and awards of honor adorn his office walls. There are no trappings of hobbies in his office. No antique or period furniture. Only simple, functional furniture. An orderly desk, chairs and bookcase. Every book in the bookshelf reflects his passion for family medicine.

So, it's no wonder that Doug Henley enjoyed that big day back in 1988 when North Carolina made a serious commitment to family medicine.

He and the medical school were focused on the same goal. They were determined to make reality work.

All Roads to Medical School Lead to Conversations With Bill Bakewell, M.D.

In his comfortable headquarters at 130 MacNider, William E. Bakewell Jr., M.D., stretches his lanky frame over an office chair and strikes a relaxed pose that medical students for 15 years have come to recognize.

"I came here in 1965, and it's beginning to look like steady work," he chuckles with his well-known sense of humor.

Bill Bakewell has met with and counseled thousands of prospective medical students since he became associate dean for admissions and chairman of the medical school's Admissions Committee in 1976. Now, he is changing directions. He plans to spend more time teaching, writing and seeing patients.

Bakewell is seen by many in the medical center as a man of unrelenting principle and good humor who has elevated the process of searching for good prospective doctors to the status of an art form. A psychiatrist by training and an administrator by choice, Bakewell says he is convinced that the UNC School of Medicine "has to be one of the biggest bargains in medical school education in America today. But, surely the most attractive thing we have in Chapel Hill is our student body. I think the excellence and diversity is especially gratifying," he says with a convincing smile. "The class selected for admission this year had 90 males, 70 females; 117 Caucasians, 20 African Americans, 16 Asians, four Hispanics and three native Americans."

Bakewell says he is also impressed with the age distribution of the incoming freshman class.

"The age spread this year is 20 to 41. Some of the older students have had other careers.

Photo by Dan Crawford

William E. Bakewell Jr., M.D., is joined by his wife, Virginia, at a reception honoring his service as associate dean for admissions.

This adds immeasurably to our student diversity and interest of the class."

Bakewell says he and the other members of the admissions committee are always on the lookout for people who will become "good doctors."

"The trouble is that we don't know how to precisely quantify what a 'good doctor' is. There is no universal 'pattern' for a good doctor.

"I think this would be an interesting research project—to build a database from which quality forecasts might be reasonably inferred. But it would be a major piece of work.

"Meanwhile, we have concluded that the best basis for our selection process is to choose nice people. We look for people with feeling; people who demonstrate the kind of strong personal discipline it takes, not only to succeed in medical school, but to be the kind of lifetime learners doctors need to be. We want to know everything about them before we make a decision. And, of course, to be selected for our freshman class, they must be the brightest and best. But undergraduate preparation and MCAT scores are by no means our chief selection indicators.

"We on the admissions committee know our methods are less than perfect, but I'm convinced they are the very best methods possible under the circumstances.

"It's worth noting, too, that the academic leadership of our University and medical school is worthy of high tribute for assuring and nurturing a student selection process that has been, in my experience, totally insulated from outside pressures. There has never been an 'inside track' for special people. All the medical school deans, University chancellors and University presidents have shielded the admissions committee throughout my tenure. They have never once tried to exert influence on our committee's decision making. It is hard to express enough gratitude to these fine people for their unqualified support."

Bakewell says he is grateful, too, for the support the admissions group has received from alumni over the years. "The selection of students for admission is a group process.

> **"We look for people with feeling; people who demonstrate the kind of strong personal discipline it takes...to be the kind of lifetime learners doctors need to be."**
>
> **William E. Bakewell Jr., M.D.**

Our admissions committee has about 20 members—including members from clinical and basic sciences disciplines and physicians from private practice. Everybody works hard. Committee work takes **at least** five hours per person per week.

"I would say to our alumni, 'Come on, guys. We need your help and your wisdom on the admissions committee. We very much want you to be contributors. But be prepared to work.' "

How about the prospective medical students who don't make the cut?

"Clearly the most painful part of my job is that every year we must turn down many applicants who would be fine doctors because of class size limitations. For our 1990-91 class we had 2,286 applicants and could admit only 160 students." He notes that the admissions group also feels a great weight of responsibility. "We must be especially sensitive to the needs of minority students. Their needs are often special, and we must address them, often on an individual basis.

Bakewell credits North Carolina's Area Health Education Centers for making a major difference in medical education at UNC. "Learning in the AHECs keeps reality in focus for young people. The presence of medical faculty and students has enhanced medical care in North Carolina. It has done an excellent job of relating communities to the medical school. With respect to admissions, young people like the opportunity to go out into the state to AHEC sites."

Bakewell will continue to be Equal Opportunity Officer and will continue to serve on various University committees including the Faculty Advisory Committee and Chancellor Hardin's Diversity and Community Committee. He also expects to remain active in service work on campus.

And, he has a broad range of hobbies and interests. "I like to dabble in a lot of things," he chuckles. "I am a big gardener. My wife is the brains. I do the plowing and the heavy work."

What does the future hold?

"After I retire, I plan to learn more about training dogs. I'm in dog training school now—on my way to becoming a pro in tracking and search and rescue work."

Born in Evansville, Indiana, the son of an engineer, Bakewell lived there until he was in the third grade. From there, his family moved to Cedar Falls, Iowa, where he lived through his college undergraduate days.

It was at Iowa State Teachers College (now the University of Northern Iowa) in Cedar Falls that he and his wife, the former Virginia Macy, met in a speech and dramatic interpretation course.

After earning his bachelor's degree at Cedar Falls, Bakewell went on to acquire a master's degree in psychology at the University of Iowa in Iowa City, then to McGill in Montreal for his M.D. Naval service, followed by training as a general surgeon and private practice in North Dakota, culminated in a career change decision that brought him to Chapel Hill in 1960. Except for a brief interlude on the faculty of the University of Kentucky in Lexington, he has been here ever since.

"I have had a fulfilling career as an academic administrator. Now I'm looking forward to the next phase—perhaps at a slower pace."

News Briefs

Loyalty Fund Giving Exceeds Dollar Goal

Alumni giving to the Loyalty Fund for the year ended June 30, 1991, reached an all-time high of $225,000—well above the $150,000 goal.

John W. Foust, M.D. '55, of Charlotte, national chair of the Loyalty Fund, said, "Our campaign results are impressive, and we should celebrate a milestone victory—surpassing the $200,000 mark in contributions to the Loyalty Fund."

Overall alumni participation in the campaign remained constant, however.

"We finished with 20 percent participation, which is the same as the previous year," Foust said. "We had hoped to reach 25 percent. Even though we progressed this past year, our contributions compared to those of both the Duke medical alumni and the Wake Forest medical alumni tell us we have much left to do."

Much of the increase in dollar giving can be attributed to growth in the number of Loyalty Fund Associates. (Individuals who contribute $1,000 or more to the Loyalty Fund qualify as Associates, and also as members of the Co-Founders' Club, the umbrella recognition club for gifts of $1,000 or more to the medical school.)

"In 1990-91, we welcomed 101 Associates," said Jane M. McNeer, director of development with the Medical Foundation of North Carolina, Inc. "This is up from 47 last year, so Dr. Foust deserves much credit for helping expand this important leadership group."

According to McNeer, the Class of 1991 set a medical school precedent by organizing its own Loyalty Fund campaign. The new medical graduates pledged more than $20,000 over a five-year period. Class participation was 56 percent.

The alumni giving goals for 1991-92 have been based on a careful needs analysis, said William E. Easterling Jr., associate dean for alumni affairs. "We have taken a realistic look at what we want to accomplish and the level of resources that will be required."

He said the current year's Loyalty Fund goal is $240,000 and 25 percent participation. "This will allow us to continue to provide funding for our current level of programming as well as make a significant contribution to the future of the Health Sciences Library on campus," Easterling said.

Loyalty Fund gifts provide scholarships and help sustain many ongoing programs such as the Whitehead Society and the student research publication.

Bicentennial Campaign Now Under Way

The UNC-Chapel Hill $320 million Bicentennial Campaign was officially launched at University Day October 11 by Chancellor Paul Hardin.

The School of Medicine is one of the largest constituent groups, with a commitment to raise $47 million over a five-year period.

Leading this effort is Jim Millis Sr. of High Point. He has recently selected as vice chairs Richard Urquhart of Raleigh and Adelaide Holderness of Greensboro.

"All are long-time supporters of the University and the School of Medicine," said James L. Copeland, executive director of the Medical Foundation. "They will assemble a steering committee to coordinate the first phase of the development campaign."

Lineberger Building Fund Launched

Through its "Building for Life" Campaign, the Lineberger Comprehensive Cancer Center plans to raise $15.9 million to double the size of its current building, completed in 1984, and to expand cancer research programs.

James A. Hardison of Wadesboro, executive vice president of Southern National Bank of North Carolina, will chair the campaign. L. Glenn Orr of Lumberton, chairman and chief executive officer of Southern National Corp., and Lin Sitton Lineberger of Belmont, vice chair of the UNC Board of Visitors, will serve as vice chairs.

"The research being conducted at Lineberger is at the leading edge of what we hope to understand about cancer," Hardison said.

Fall Alumni Weekend Features CME Program On Prostate Cancer

UNC medical alumni will be returning to Chapel Hill November 15-16 for Fall Alumni Weekend.

"Once again, we are combining a top-flight Continuing Medical Education program with fellowship and UNC football," said William E. Easterling Jr., M.D., associate dean for alumni affairs.

The CME program on November 15 is "Prostate Cancer: Screening and Treatment Controversies." Course director James L. Mohler, M.D., assistant professor of surgery and director, urologic oncology, said prostatic cancer will affect one in 11 U.S. men during their lifetime. A nationally recognized faculty will lead discussion on all aspects of the disease. The session will be at the William and Ida Friday Continuing Education Center.

The second annual Loyalty Fund Associates Recognition Dinner will begin with a 6:30 p.m. social on November 15 at the State Dining Room of the Morehead Building on campus.

The November 16 schedule begins with a 9:30 a.m. meeting of the Endowment Board in 133 MacNider. At 10:30 a.m., there will be a combined meeting of the Visiting Committee and the Alumni Council that is open to all alumni.

A barbeque luncheon will be served at 12 noon, followed by the 1:30 p.m. football kickoff—UNC hosts the South Carolina Gamecocks.

News Briefs

Dean Bondurant Assumes IOM Position

Dean Stuart Bondurant, M.D., has assumed the position of acting president of the Institute of Medicine. His appointment was approved by the University of North Carolina Board of Governors in July and was effective September 1.

Bondurant succeeds Samuel Thier, M.D., who becomes president of Brandeis University in Boston. Bondurant will serve as acting president until a new president is named.

The Institute, which is part of the National Academy of Sciences, was created in 1970 to conduct independent health policy research for the U.S. Congress and other government agencies. As acting president, Bondurant will work at the Institute's Washington, DC, office one day a week overseeing the activities of the organization.

H. Garland Hershey, D.D.S., vice chancellor for health affairs at UNC, said, "Dr. Bondurant's appointment is a clear indication of the dean's reputation as a leader in the medical community. It is also an honor for the University to have one of its executives appointed to such a nationally prestigious position."

Bondurant joined the Institute of Medicine's council, a 20-member advisory board, in 1979. Under the Institute's bylaws, a member of the council is appointed to fill the presidency position if it becomes vacant.

Bondurant, a cardiologist who graduated from the Duke University School of Medicine in 1953, is past president of the American College of Physicians, past president of the Association of American Physicians and past chair of the Council of Deans of the Association of American Medical Colleges. He has served as dean of the UNC School of Medicine since 1979.

State's First Heart/Lung Transplant Performed By UNC Surgeons

North Carolina's first heart/lung transplantation was performed by UNC surgeons on a 26-year-old Lumberton man at UNC Hospitals on August 17.

Michael R. Mill, M.D., chief heart and heart/lung transplant surgeon, led the transplant team during the 10-hour procedure to implant the donor heart and lungs.

"The operation was highly successful," Mill said. "Our patient responded extremely well to therapy; his progress was excellent, resulting in discharge on September 10."

Mill, an assistant professor of surgery with the UNC School of Medicine, said Paul D. Harris was born with a congenital heart defect, Pseudotruncus arteriosus, and developed progressive lung disease.

Surgeon Michael R. Mill, M.D., offers a word of encouragement to Paul D. Harris, North Carolina's first heart/lung patient, who continues daily exercises at UNC Hospitals.

This malformation results from a lack of development of the pulmonary artery. Therefore, the blood traveled directly from his aorta to his lungs, resulting in a lack of normal oxygen supply in the blood and damage to his lungs.

"A heart transplant by itself would not have improved his condition. New lungs with a pulmonary artery were equally as important," Mill said.

Mill, who has performed 60 transplantations (51 heart and 9 heart/lung), was assisted by Thomas M. Egan, M.D., chief lung transplant surgeon at UNC, who harvested the donor organs.

Mill trained at Stanford University in California, where the first heart/lung transplant was performed in 1981. He said approximately 275 heart/lung transplants have been done worldwide since then. Last year, 50 heart/lung transplants were performed in the United States, Mill said.

"The accomplishment of our institution's first heart/lung transplant is a credit to the talents of both Dr. Mill and Dr. Egan as well as the incredibly talented support teams they have assembled," said Stanley R. Mandel, M.D., associate dean for clinical affairs and head of the transplantation program at UNC Hospitals.

The first heart transplant at UNC Hospitals was performed in October 1986 and the first lung transplant was performed in January 1990. Since then a total of 40 heart transplants and 22 lung transplants have been done.

EPA and UNC to Build $29 Million Research Facility

Groundbreaking ceremonies were held in September for the new $29 million EPA/UNC Environmental Research Facility to be located on the UNC campus.

"This is an extraordinary commitment to sound science," said F. Henry Habicht II,

Dean Stuart Bondurant, M.D., left, leads a spirited groundbreaking crew during ceremonies to mark the beginning of construction of the new EPA/UNC Environmental Research Facility. Other participants are: F. Henry Habicht II of the EPA; Congressman David E. Price; Chancellor Paul Hardin; and H. Garland Hershey, D.D.S., vice chancellor for health affairs.

deputy administrator of the U.S. Environmental Protection Agency in Washington.

"With this groundbreaking we're rededicating ourselves to the fruitful cooperation of government and academia. This new facility is a clear signal that the EPA is serious about making strong and reliable science a priority," he said.

The 145,000-square-foot research facility, where scientists will study how pollutants affect people's health, is scheduled for completion in 1994.

One wing of the facility will contain seven exposure research laboratories—more than any other research site in the world. Researchers will monitor volunteers in the laboratories as they breathe levels of air pollutants similar to those found in many U.S. cities.

The building also will include a six-story research and office tower, laboratory space and a conference facility for hosting national and international meetings on environmental and public health issues.

UNC Pediatric Cardiologists Correct Heart Defects Without Surgery

An 18-month-old Jacksonville boy is North Carolina's youngest cardiac patient to have a transcatheter closure of a congenital heart defect, without undergoing heart surgery.

Frantz

The first Rashkind PDA occlusion implant in North Carolina was performed in April at UNC Hospitals by Elman G. Frantz, M.D., assistant professor of pediatrics. His patient's heart condition, patent ductus arteriosus (PDA), was corrected by using a catheter to install a tiny double-umbrella device (the Rashkind occlusion) to block blood flow through an extra blood vessel in the boy's heart.

He said PDA is among the three most common congenital heart defects in children, and "prior to development of the Rashkind double-umbrella, the only treatment for PDA was surgery."

"Although that surgery has been one of the safest and most effective heart operations, it requires an extended hospital stay and a prolonged convalescent period," Frantz said. "The transcatheter double-umbrella procedure can be completed within three hours, so in most cases, the patient can go home the same day."

Because the Rashkind device is pending approval from the Federal Drug Administration, only four U.S. medical centers are authorized to perform the procedure on a clinical trials basis. Specialists from those centers are helping train and certify pediatric

News Briefs

cardiologists at other selected medical centers across the country. Training under William E. Hellenbrand, M.D., of Yale University, Frantz is now certified and poised to introduce the procedure to more patients at UNC Hospitals, as soon as the FDA gives approval.

"The transcatheter technique for PDA closure has been shown to be a safe and effective alternative to traditional surgical treatment," said George W. Henry, M.D., chief of the Division of Pediatric Cardiology at UNC. "We view this an exciting extension of the comprehensive pediatric cardiology program we have here at our medical center."

Frantz said that since 1982, approximately 1,000 double-umbrella PDA procedures have been done in the United States with a 93 percent success rate. "In those instances where it doesn't work—if there is less than total occlusion, or mispositioning of the double-umbrella—surgery is still available to repair the defect." He said the PDA defect occurs most often in premature infants. "The only drawback I see is that we can't do this type of catheterization on a child who weighs less than 15 pounds because of the size of the special catheters required," Frantz said.

An aortogram provides the cardiologist with information on the PDA, its size, shape and location. The umbrellas are loaded in a folded form inside the catheter. At the proper location, the cardiologist activates the spring-loaded umbrellas which open and press a soft foam against the walls of the vessel. As healing occurs, normal tissue covers the umbrellas in about one month, Frantz said. The device itself was developed by the Bard Division of USCI, Tewksbury, MA.

Raindrops did not deter Dean Stuart Bondurant, M.D., from presenting a commemorative gift to Richard B. Sykes, Ph.D., of Glaxo on the occasion of the transfer of the deed of the Glaxo Research Laboratories to UNC. Seated at right are UNC-Chapel Hill Chancellor Paul Hardin (holding the umbrella) and UNC President C. D. Spangler Jr.

Glaxo Transfers Research Building To UNC

The Glaxo Research Laboratories Building on the Chapel Hill campus was officially transferred to UNC this summer by Glaxo Inc., a pharmaceutical research and manufacturing firm with headquarters in Research Triangle Park.

As part of a 1986 agreement between UNC and Glaxo creating the unique public-private collaboration, Glaxo built the 15,400-square-foot, $3 million facility on UNC property. Glaxo needed the building while its own research and development complex was under construction in Research Triangle Park. That facility is now complete.

"This project was viewed by many as a pioneering step in forming university and industry scientific partnerships," said Dean Stuart Bondurant, M.D. "I believe we have demonstrated successfully that each party can retain its own values and that they need not be compromised in the process."

"This arrangement with UNC helped us through a critical stage in the establishment of Glaxo's U.S. research and development capability," said Charles A. Sanders, M.D., chief executive officer of Glaxo Inc. "And it provided the space needed by a strong academic research group like UNC's. We each benefited from the presence of the other."

Bondurant added, "We hope that the spirit of cooperation evident over the last five years will lead to additional opportunities with Glaxo, and we feel certain that it will."

In his response, Richard B. Sykes, Ph.D., chairman and chief executive of Glaxo Group Research Ltd. and president of Glaxo Inc. Research Institute, said, "To us at Glaxo, this building stands as a symbol of what can be accomplished when corporate and academic worlds work together to push back the boundaries of knowledge. Not only does each of us benefit, but so do the people our achievements will serve.

"Here, UNC and Glaxo scientists have shared more than work space. They have shared ideas, which, of course, is the starting

point for achievements in any field.

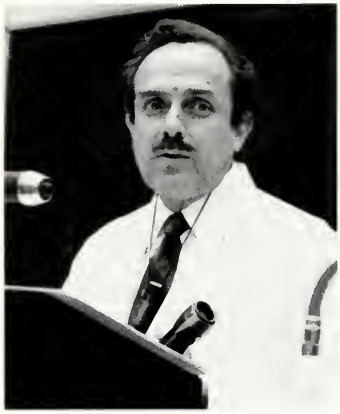
"The importance of that can't be overstated. Because once an idea is born, once it is fed and sheltered and challenged by inquisitive and innovative minds, it holds the potential to change the world."

Sparling to Head Research Center

The University has received a four-year grant to establish the North Carolina Sexually Transmitted Diseases Cooperative Research Center, which will study sexually transmitted diseases other than AIDS. The $4.2 million grant was awarded by the National Institute of Allergy and Infectious Diseases (NIAID), which is part of the National Institutes of Health.

P. Frederick Sparling, M.D., chair of the Department of Medicine, will lead the research efforts of faculty from the Departments of Medicine and Microbiology in the School of Medicine and the Departments of Epidemiology, and Health Behavior and Health Education in the School of Public Health. By combining the tools of basic science, epidemiology and clinical research they hope to help combat the problem of sexually transmitted diseases.

The UNC scientists will focus many of their studies on potential vaccines. "This research will provide us with a better understanding of the basic molecular structure of the sexually transmitted microorganisms that cause gonorrhea, chlamydia and syphilis, which is required if we are to create effective vaccines," Sparling said. Also, researchers will undertake the first major study of the distribution and transmission of sexually transmitted diseases (STDs) in a non-urban setting. The study will be conducted in Wilson County. This aspect of the study will focus on understanding factors that may contribute to the acquisition of STDs, and on strategies that would help to decrease the spread of STDs.



Romulo E. Colindres, M.D., professor of medicine, who delivered the 1991 Whitehead Lecture, stressed that medical education is a flavorful "blend of art, science and more."

UNC Receives Amgen Grant

The UNC School of Medicine recently received a $250,000 grant from Amgen Inc. to establish the Amgen Nephrologist-In-Residence Program.

The program will be part of the Center of Excellence in UNC's Division of Nephrology, which studies the anatomy, physiology and pathology of the kidney. Amgen Inc., a pharmaceutical company based in Thousand Oaks, CA, owns exclusive sales rights to a genetically engineered drug used in treating anemia in kidney patients on dialysis.

The company's Nephrologist-In-Residence Program is designed to maintain a high level of expertise among nephrologists in private practice, ensuring that the latest techniques and drug therapies are available to patients. "UNC's Division of Nephrology is one of the best in the country," said Paul Dawson, vice president of marketing and sales for Amgen. "We decided it would be an ideal place for the Nephrologist-In-Residence Program."

Dean Stuart Bondurant, M.D., said, "Our Center of Excellence in Nephrology has great potential to reach out and share its knowledge with other nephrologists."

Nephrologists in private practice from across the globe will come to Chapel Hill for individualized studies, ranging in length from two days to two-four weeks. An anticipated three to six practitioners will participate each year.

William B. Blythe, M.D., chief of UNC's Divison of Nephrology and Marion Covington Distinguished Professor of Medicine, said, "We are pleased to have been selected by Amgen as the recipient of this substantial grant. However, the true beneficiaries of Amgen's generosity will be the people across North Carolina and all over the world who suffer from kidney disease."

UNC Receives $5.6 Million Grant Renewal to Fund Blood Clot Research

The UNC Center for Thrombosis and Hemostasis has been awarded a $5.6 million renewal grant as part of a national research project on how blood clots develop.

Harold R. Roberts, M.D., Sarah Graham Kenan Professor of Medicine and Pathology and director of the center, said the grant will be used over the next five years to continue and expand on studies of thrombosis.

The National Heart, Lung and Blood Institute, part of the National Institutes of Health, began funding the UNC-Chapel Hill project in 1981.

"The Specialized Centers of Research in Thrombosis represent a major effort to combat one of the nation's greatest health problems," Roberts said. "Not many people realize that blood clot-related disorders kill more people than any other disease, including cancer. The center's work already has played an important role in helping doctors

News Briefs

better diagnose and treat blood clot-related disorders—especially heart attacks and strokes—and we are optimistic about the potential benefits of future research."

National Institute Awards $1.9 Million To AIDS Research

The National Institute of Neurological Disease and Stroke has awarded $1.9 million to the AIDS Neurologic Center at the UNC School of Medicine to continue its activities for the next two years.

"The center provides research support for faculty members and is involved in studies evaluating the long-term effects of the human immunodeficiency virus, the virus that causes AIDS, on the central peripheral nervous systems," said Colin D. Hall, M.D., professor of neurology and director of the center.

"Several years ago, it was reported that 30 percent of people with AIDS were becoming demented, but we are not seeing anywhere near that high a percentage," Hall said.

Because the drug AZT is now widely available to patients, nerve damage leading to dementia may have been postponed or prevented in many cases, he said.

UNC Scores Highly In Primary Care Survey

The UNC School of Medicine ranks sixth nationally in the percentage of 1990 graduates who are choosing to specialize in primary care medicine, according to the Association of Amercian Medical Colleges.

Of those 1990 UNC graduates responding to the annual AAMC questionnaire, 42.1 percent indicated they had enrolled in family medicine and primary care residency programs.

"I think these numbers show that UNC has done extraordinarily well in exposing medical students to the broad medical spectrum," said Dean Stuart Bondurant, M.D.

"Increasing the number of physicians entering family medicine and primary care is a priority commitment in North Carolina as we address present and future health care needs, especially in rural sections of our state."

The medical schools having higher percentages of graduates going into family medicine or primary care than UNC were all considerably smaller. Among institutions of comparable size, the University of Washington ranked eighth with 41.4 percent and the Medical College of Virginia was 10th with 40.7 percent. Duke University ranked 61st with 26.2 percent.

Study Offers Hope For New Treatment Of Cystic Fibrosis

New medical research conducted at UNC suggests it may be possible to prevent lung damage from cystic fibrosis—the most common fatal genetic disease among whites—and prolong the lives of its young victims.

The experiments show that natually occurring compounds called ATP and UTP may be able to counteract an abnormal mechanism largely responsible for the sticky mucus that clogs patients' lungs and causes chronic infections.

A report on the research appeared in an August 1991 issue of the *New England Journal of Medicine.*

"We are excited about this work because it shows we can develop new ways of treating this airway disease which kills people at a very early age," said Michael R. Knowles, M.D., associate professor of medicine. "While we have not treated patients yet, we have proven that we can use drugs to activate secretion of liquid into the airways."

Knowles and Richard C. Boucher, M.D., professor of medicine, have been involved with clinical studies that demonstrated the diuretic drug amiloride could block excessive absorption of water when administered in aerosol form.

"Amiloride was not completely protective in adult CF patients and may be most helpful in younger patients who don't already have a lot of lung damage," Knowles said. "Until now, no one has been able to find anything that opens chloride channels without being toxic."

Research May Yield Clues to Muscular Disorder

Research performed at the UNC School of Medicine has determined that proteins found in the electric organ of an electric ray are similar to those associated with the muscle wasting disorder, Duchenne muscular dystrophy.

By studying the electric ray protein, dystrophin, scientists may obtain clues about how the lack of this protein in humans leads to the disease.

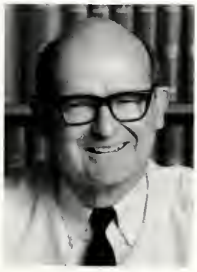
Although Robert Sealock, Ph.D., professor of physiology, was not the original discoverer of the fish protein, he and his research assistants, Neal R. Kramarcy, Ph.D., and Nancy R. Wallace, M.S., performed studies in collaboration with Stanley C. Froehner, Ph.D., of Dartmouth College, that proved that it and the human protein associated with Duchenne muscular dystrophy were similar.

Duchenne muscular dystrophy is the most common and severe of the muscle wasting disorders. In males, the disease has an onset between the ages of 2 and 5. Although initially only muscles in the pelvis, upper arms and upper legs are affected, eventually all of the major muscle groups begin to waste away and patients weaken and die, usually when only in their 20s.

Faculty Notes

McLendon Named Fuller Award Winner

William W. McLendon, M.D., professor and vice chair, Department of Pathology, has been named the 1991 H. Fleming Fuller Award winner. The award annually recognizes the UNC School of Medicine physician who displays dedication to the highest standards of patient care, teaching and community service.



McLendon

The award is presented by the Board of Directors of UNC Hospitals and is given in honor of H. Fleming Fuller, M.D., a Kinston physician who was a founding member of the hospital's board. He served until his death in 1986.

Eric Munson, UNC Hospitals executive director, said, "Rarely do you find a physician so highly respected in all aspects of patient care by his peers. Throughout his career, Dr. McLendon has exhibited unparalleled leadership."

McLendon, who also serves as chair of the UNC Hospitals Laboratories, is credited with having established one of the nation's first hospital departments of laboratory medicine in Chapel Hill.

McLendon earned his medical degree from UNC in 1956. He continued four years of post-graduate education at Columbia Presbyterian Medical Center in New York and at the UNC School of Medicine.

He served two years as assistant chief of Pathology Services at the U.S. Army Hospital in Landstuhl, Germany, and in 1963 was appointed associate pathologist at Moses Cone Memorial Hospital in Greensboro.

McLendon returned to Chapel Hill in 1973 and was appointed professor and chair of the Department of UNC Hospitals Labs and the Division of Laboratory Medicine at the medical school. In 1987, he was named vice chair of the Department of Pathology.

Previous Fuller Award recipients are: Wesley C. Fowler, M.D., Leonard Palumbo Professor of Gynecologic Oncology and associate chair of the Department of Obstetrics and Gynecology (1990); Edward A. Norfleet, M.D., professor and vice chair of the Department of Anesthesiology (1989); Campbell McMillan, M.D., professor of pediatrics (1988); and George Johnson Jr., M.D., Roscoe B.G. Cowper Professor of Surgery and vice chair of the Department of Surgery (1987).

Wheeler Professorship Established in Dermatology

The Department of Dermatology has established a professorship to honor **Clayton E. Wheeler Jr., M.D.,** the first chair of that department at UNC who served from 1972 to 1987.

"I am very pleased that my colleagues and friends chose to establish a professorship as a way to provide added support to the Department of Dermatology," Wheeler said. "I am doubly proud that the support came from individual donations by many people, largely past residents and trainees and faculty members at UNC and other medical schools. It is the highest of honors and it pleases me very much."

Wheeler

"The Clayton E. Wheeler, Jr. Distinguished Professorship pays tribute to a respected scientist, teacher and clinician who has made immense contributions to the field of dermatology, nationally and here at the medical school," said Dean Stuart Bondurant, M.D. "Under Dr. Wheeler's leadership, the Department of Dermatology has contributed consistently and substantially to clinical and basic science and has developed a widely respected residency program."

A 1941 graduate of the University of Wisconsin School of Medicine, Wheeler completed his professional training in medicine and dermatology at Cincinnati General Hospital and at the University of Michigan Hospitals. In 1951, he joined the faculty at the University of Virginia as an assistant professor of dermatology and was named professor in 1959.

He came to Chapel Hill in 1962 as professor of dermatologic medicine and chief of the Division of Dermatology. When the division became a department in 1972, he was named chair. Today, Wheeler serves on the faculty as professor of dermatology and medicine.

Wheeler was president of the Society for Investigative Dermatology and received the society's highest award, the Rothman Award. In 1986, Wheeler received the UNC Medical Alumni Association Distinguished Faculty Award.

Strayhorn Named Associate Dean

Gregory Strayhorn, M.D., Ph.D., has been appointed associate dean for academic and student programs with the UNC School of Medicine. He had served as assistant dean for academic affairs since 1984.

As associate dean, Strayhorn will direct the academic assistance program and student/faculty awards as well as coordinate dual degree and student research programs. In addition, he will have liaison responsibilities with other administrative offices to promote programs that encourage faculty and

Faculty Notes

student interaction.

"Dr. Strayhorn has consistently represented the best interests of medical students while serving as assistant dean for academic affairs," said Dean Stuart Bondurant, M.D. "I am confident that he will continue his excellent service to the medical school and its students in his new position."

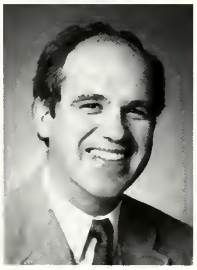
Strayhorn, who is also an associate professor of family medicine, earned his medical degree from UNC. He completed a residency training program in family practice at the University of Iowa and a fellowship with the Robert Wood Johnson Clinical Scholars Program at UNC. He also received master's and doctorate degrees in public health from UNC.

Strayhorn

Pillsbury Named Thomas J. Dark Professor

Harold C. Pillsbury III, M.D., chief of the Division of Otolaryngology, has been named Thomas J. Dark Distinguished Professor of Surgery.

The professorship is named in honor of the late Thomas J. Dark, a prominent Siler City businessman. The professorship was previously held by Newton D. Fischer, M.D., who recently retired.



Pillsbury

"We are very pleased to honor Dr. Pillsbury with this professorship," said George F. Sheldon, M.D., chair of the Department of Surgery. "His outstanding qualifications and contributions to our head and neck surgical programs here made him an ideal choice."

Pillsbury came to UNC's School of Medicine in 1982, and he was appointed chief of the Division of Otolaryngology in 1983. He is chair of the residency training program in otolaryngology, and has been director of the Carolina Consultation Center since 1985.

He received undergraduate and medical degrees from George Washington University and completed general surgery and otolaryngology residencies at UNC.

Keagy Appointed Vascular Surgery Chief

Blair A. Keagy, M.D., professor of surgery, has been named chief of the Division of Vascular Surgery.

His duties also will include directing the Vascular Training Program and the Peripheral Vascular Laboratory. Keagy succeeds George Johnson Jr., M.D., as division chief.

Keagy

"After a national search, Dr. Johnson and I feel Dr. Keagy is the best qualified person in the country to take the job—as a clinician, a scientist and an administrator," said George F. Sheldon, M.D., chair, Department of Surgery.

Keagy, who graduated from Duke University and received his medical degree from the University of Pittsburgh, completed surgical training at UNC. He was the first to complete a vascular surgery fellowship at UNC, studying under Johnson.

Keagy joined the UNC medical school faculty in 1982. He was a pioneer investigator in Doppler technology. His areas of interest include thoracoabdominal aneurysm repairs and carotid artery surgery.

Susan T. Lord, Ph.D., associate professor of pathology, has been named director, Curriculum in Genetics. Her appointment was announced by Dean Stuart Bondurant, M.D.

Lord

"Today, more than ever before, genetics is at the heart of our basic sciences, and the work going on in research laboratories across the University is enormously exciting," Bondurant said. "Our Curriculum in Genetics allows students to participate in a fully integrated, interdepartmental training program to study and earn graduate degrees in genetics."

Lord succeeds Kenneth F. Bott, Ph.D., professor of microbiology and immunology, who continues on the faculty. "We are grateful for Dr. Bott's contributions to the program and for the outstanding leadership he has provided," Bondurant said.

"I have every confidence that the program will continue to develop and flourish under Dr. Lord's direction," he added. "She has served since 1984 as a member of the Curriculum in Genetics, so she brings experience and professional expertise to the position."

Lord received her doctorate in biochemistry from Cornell University Medical College. She also completed postdoctoral training in biochemistry at Cornell, in microbiology at Uppsala (Sweden) University and in molecular biophysics and biochemistry at Yale University.

She joined the UNC medical school faculty in 1982 and received a University Junior Faculty Development Award in 1985.

The Robert Wood Johnson Foundation has awarded a $310,926 grant to the School of Medicine to support the work of three scholars through the foundation's Clinical Scholars Program.

The three are: **W. Clayton Bordely, M.D.**, a UNC graduate, who received her medical degree from Johns Hopkins University and completed residency training at the Children's Hospital in Philadelphia; **Lisa A. Jackson, M.D.**, who earned her medical degree at UNC and then completed residency training at UNC and fellowship training in child psychiatry at the University of California at Los Angeles; and **James E. Shaw, M.D.**, who received his medical degree from Drew University, then completed residency training at the Medical College of Virginia and fellowship training at the University of Pennsylvania Hospital.

The Robert Wood Johnson Foundation is the nation's largest health-care philanthropy and was established as a national foundation in 1972. The foundation has awarded more than $1 billion in grants to improve health care in the United States.

Oliver Smithies, D. Phil., professor of pathology, received an honorary doctor of science degree from the University of Chicago at its 1991 spring convocation. He was cited for his work in gene targeting. "When gene therapy becomes everyday reality for the treatment of devastating genetic illnesses, it will be the result of the imagination and dedication of Oliver Smithies and his co-workers," the citation read.

In 1990, Smithies and colleagues developed an important tool for studying how the body protects itself against viral infections by successfully using such targeted modification to alter genes in mice. They developed a strain of mice descended from mice that had been genetically altered not to produce Beta 2 microglobulin, a key protein that warns the body which cells have been infected by viruses and must be destroyed.

Four School of Medicine faculty members made presentations at the Sixth International Conference on AIDS in Florence, Italy, last June. Three are affiliated with the Coping in Health and Illness Project, a five-year longitudinal study of neuropsychiatric and psychoimmune aspects of HIV infection. The work is funded through a National Institutes of Mental Health grant.

Dwight L. Evans, M.D., professor of psychiatry and principal investigator for the study, discussed "Stress-Related Reduction of Natural Killer Cells in HIV." **Jane M. Leserman, Ph.D.**, research assistant professor of psychiatry and medicine, gave a talk on "Psychosocial Correlates of HIV Risk-Taking Behavior." **Robert A. Stern, Ph.D.**, assistant professor of pyschiatry, gave a presentation titled "Neurobehavioral Impairments in Early Asymptomatic HIV Infection: The Effects of Education, CD4 Count, B12 Level and Depression."

In addition, **Colin D. Hall, M.D.**, professor and vice chair, Department of Neurology and director of the UNC AIDS Neurologic Center, discussed the center's work at the Florence conference and at the Conference on Neurological and Neuropsychological Effects of HIV on the Nervous System held in Padua, Italy.

Michael Fetters, M.D., a resident physician in the Department of Family Medicine, has been awarded a Fulbright Scholarship for 1991-92 to conduct research in Japan. He will study the attitudes of Japanese physicians toward terminally ill elderly patients in Japan. He previously had done research in Japan at the Jichi Medical School.

David E. Eifrig, M.D., chair, Department of Ophthalmology, has been awarded a $50,000 grant for research into the causes, treatment and prevention of blinding diseases. UNC is one of 64 U.S. medical schools receiving annual grants from Research to Prevent Blindness (RPB), the nation's leading voluntary organization supporting eye research. RPB has made grants and awards totaling $360,500 to the UNC School of Medicine, and more than $85 million to medical school departments of ophthalmology nationwide.

Jean-Michel H. Vos, Ph.D., assistant professor of biochemistry and biophysics and a member of the Lineberger Comprehensive Cancer Center, has received a Junior Faculty Research Award from the American Cancer Society's N.C. Division.

The three-year, $85,000 award will fund Vos' research project, "Hereditary Genetic Instability," which will examine the influence of hereditary factors on the development of leukemia. Using recombinant deoxyribonucleic acid (DNA) technology and a genetically-engineered Epstein-Barr virus, Vos hopes to isolate and characterize the gene causing Fancomi's anemia. The work may further understanding of the genetic base of leukemia and contribute toward development of new therapy for the disease.

The society's N.C. division is providing about $3.2 million for research at UNC.

Susan J. Beck, associate professor, Division of Clinical Laboratory Science, Department of Medical Allied Health Professions, has been named one of two recipients of the 1991 Joseph J. Kleiner Award for an outstanding article published in the journal *Clinical Laboratory Science*.

Beck and Madge Chamness of East Carolina University wrote the winning article, "Graduate Education for Clinical Laboratory Scientists." They received the honor at the annual meeting of the American Society for Medical Technology last summer.

Edward J. O'Keefe, M.D., professor of dermatology, has been appointed editor of the *Journal of Investigative Dermatology*, an international journal which publishes scientific studies about dermatology and the biology of the skin. He will assume the editorship July 1, 1992.

A Salute to Our Donors

We are pleased to publish this "Honor Roll" of Donors which recognizes the private support provided by alumni, other individuals, corporations and foundations during the period from July 1, 1990 to June 30, 1991.

- During this year, 3,505 gifts were received totaling $5,164,662.
- 1,648 "new" gifts were received from donors who did not contribute in 1989-90.
- 642 gifts represented increases over the amount contributed in 1989-90.

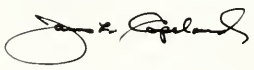
Please take the time to review this list of contributors. Everyone listed on these pages is important and every gift received is valued and carefully managed to maximize its usefulness.

The School of Medicine continues to be internationally acclaimed for its accomplishments and recognized as one of the premier U.S. medical schools. One of our greatest strengths is the commitment of the school and UNC Hospitals to the care of all North Carolinians—whether they live in Raleigh or Durham—or in other areas of the state. We serve patients from all 100 counties and our efforts in research hold the promise of improved treatment, cure and prevention of disease for all people of the state and nation. Our educational program teaches more than 40 percent of all North Carolinians who attend medical school, anywhere in the world.

More than half of our alumni choose to live in the cities and counties of North Carolina, where they practice excellence in medicine every day.

Your investment in the School of Medicine and UNC Hospitals is genuinely appreciated and helpful in continuing the excellence of our programs.

Thank you.



James L. Copeland
Executive Director

Donors are listed in alphabetical order and by Class. Co-Founders of Excellence members, Loyalty Fund Associates and Lineberger Club members have been recognized for their contributions of $1,000 or more to the Co-Founders' Club, Medical Alumni Loyalty Fund or the Lineberger Comprehensive Cancer Center. Those contributors who gave $1,000 or more have been designated by their name in bold print. Those contributors who gave $10,000 or more have been designated by an asterisk before their name.

The Foundation has made every attempt to ensure the accuracy of this report. We apologize in advance for any omissions that may have occurred. If you have any questions about the omission of your name in this list, please contact the Medical Foundation office at 1-800-962-2543.

Honor Roll of Donors

A.T.S.C.O., Inc., Plano, TX
Mr. O.W. Abbott, Apex, NC
Mr. and Mrs. A. R. Abdelkader, Pittsboro, NC
Dr. J. Curtis Abell, Statesville, NC
Dr. E. Maxey Abernathy, Tyler, TX
Dr. Olivia Abernethy, Winston-Salem, NC
Dr. and Mrs. William B. Abernethy, Jr., Gastonia, NC
Mr. and Mrs. Donald J. Abraham, Midlothian, VA
Dr. Ira A. Abrahamson, Cincinnati, OH
Mr. Roger W. Ackerman, Sumter, SC
Dr. Kirkwood F. Adams, Jr., Chapel Hill, NC
Mrs. John B. Adams, Chapel Hill, NC
Dr. Larry Lee Adams, New Bern, NC
Dr. Simeon H. Adams, New Bern, NC
Dr. Brenda Louise Adams-Hudson, Hampton, VA
Dr. Jimmie Warren Adcock, Charlotte, NC
Dr. Marcus L. Aderholdt, Jr., High Point, NC
Mr. and Mrs. H. H. Adkins, High Point, NC
Mr. Kaoru Aida, Durham, NC
Dr. Warwick Aiken, III, Gastonia, NC
Air & Energy Engineering Research Lab, Durham, NC
Akers Foundation, Gastonia, NC
Dr. Onye E. Akwari, Durham, NC
Dr. Julian Sheppard Albergotti, Jr., Charlotte, NC
Dr. Joseph Lindsay Albright, Jr., Alexandria, VA
Dr. and Mrs. Phil Albright, Gastonia, NC
Mr. and Mrs. Edgar H. Alden, Chapel Hill, NC
Aldersgate United Methodist Church, Chapel Hill, NC
Aldridge, Seawell, and Khoury, Manteo, NC
Mr. J. P. Aldridge, Sr. Yanceyville, NC
Dr. James M. Alexander, Charlotte, NC
Dr. and Mrs. James P. Alexander, Jr., Decatur, GA
Mr. and Mrs. John Alexander, Durham, NC
Dr. Carla Suzanne Alexander, Baltimore, MD
Dr. Sydenham Benoni Alexander, Tuscaloosa, AL
Dr. Vance Thompson Alexander, Davidson, NC
Mrs. Frances W. Alexius, Wilmington, NC
Dr. J. David Alford, Mooresville, NC
Dr. William Page Algary, Greenville, SC
Mr. Ahmad J. Ali, Chapel Hill, NC
Dr. John Volney Allcott, III, Eugene, OR
Ms. Dorothy B. Allen, Columbia, SC
Mr. Fred H. Allen, Wadesboro, NC
Mr. Geoffrey A. Allen, Carrboro, NC
Ms. Julia M. Allen, New Bern, NC
Ms. Terry T. Allen, Raleigh, NC
Dr. Jerry Harrison Allen, Jr., Springfield, MO
Mr. and Mrs. William M. Alligood, Washington, NC
Ms. Victoria E. Allgood, Carrboro, NC
Allied-Signal Foundation, Morristown, NJ
Dr. Earl Jackson Allison, Jr., Greenville, NC
Ms. Jane S. Allison, Black Mountain, NC
Rev. Susan L. Allred, Chapel Hill, NC
Dr. William Calvin Allsbrook, Jr., Martinez, GA
Alpha Lambda Chapter 2795, China Grove, NC
Mr. E. W. Alston, Siler City, NC
Dr. and Mrs. Michael Curtis Alston, Murfreesboro, NC
Dr. Robert Martin Alsup, Winston-Salem, NC
Mr. J. Richard Altman, Raleigh, NC
Mr. and Mrs. R. Scott Allman, Raleigh, NC
Altrusa Club of Burlington, Burlington, NC
Altrusa Club of Caldwell County, Lenoir, NC
Mr. and Mrs. John Aluise, Chapel Hill, NC
Alumnium Cans for Burn Victims, Statesville, NC
Dr. Anthony Ambrose, Columbia, MD
Mr. and Mrs. O. Donald Ambrose, Matthews, NC
***American Cancer Society, Inc. Atlanta, GA**
***Amgen, Inc., Thousand Oaks, CA**
Amoco Foam Products Company, Greensboro, NC
Ms. Bettina Bridges Andersen, Bear, DE
Mr. Donald B. Anderson, Chapel Hill, NC
Ms. Ellen Anderson, Banner Elk, NC
Mr. and Mrs. S. W. Anderson, Durham, NC
Mr. and Mrs. Scott M. Anderson, Raleigh, NC
Mr. Ruric (Andy) Anderson, III, Rocky Mount, NC
***Mr. Esley O. Anderson, Jr., Charlotte, NC**
Dr. Harry S. Anderson, Chattanooga, TN
Dr. Jay A. Anderson, Sumter, SC

Dr. Norman B. Anderson, Durham, NC
Mr. and Mrs. William Anderson, Charlotte, NC
Ms. Ruth Aletha Andrew, Carrboro, NC
The Emily B. Andrews Foundation, Gastonia, NC
Mr. and Mrs. Harold Andrews, Gastonia, NC
Mrs. Mary Wells Andrews, Bethel, NC
Dr. Paul S. Andrews, Chapel Hill, NC
Mr. and Mrs. Richard Andrews, Wilmington, NC
Mrs. Margaret S. Angel, Greensboro, NC
The Angus Barn, Ltd., Raleigh, NC
Mr. and Mrs. Shepard Ansley, Atlanta, GA
Mr. and Mrs. Alex Antonelli, Chapel Hill, NC
Dr. Gabor Antony, NSW Australia
Mr. and Mrs. James Aplington, Greensboro, NC
Ms. Hannah B. Appel, Winston-Salem, NC
Dr. Jesse Appel, Kew Gardens, NY
Dr. Louis Appel, Newton, CT
Mr. and Mrs. D. B. Arant, New Bern, NC
Dr. Joseph Patrick Archie, Jr., Raleigh, NC
Dr. John Vincent Arey, Concord, NC
***Mrs. Britt Armfield, Greensboro, NC**
Mrs. Elizabeth A. Armfield, Greensboro, NC
Mr. Robert F. Armstrong, Asheville, NC
Mr. Arnold A. Arndt, Chapel Hill, NC
Mrs. Jeanne Arnold, Coconut Creek, FL
Dr. Mary B. Arnold, Barrington, RI
Mr. and Mrs. Arnold L. Aronson, Raleigh, NC
Ms. Charlotte C. Arrendell, Black Mountain, NC
Mr. Louis C. Arthur, Wake Forest, NC
Dr. James W. Asaph, Portland, OR
Dr. Carol Kemp Aschenbrener, Iowa City, IA
Mr. Lester Asheim, Chapel Hill, NC
Asheville Firefighters, Asheville, NC
Asheville Jaycees, Inc., Asheville, NC
Dr. Gale Jackson Ashley, Sparta, NC
Ms. Yvonne B. Ashwood, Cary, NC
Mr. R. A. Ashton, III, New Bern, NC
Dr. Frederic B. Askin, Chapel Hill, NC
Mr. Jack F. Astrella, Greensboro, NC
Ms. Doris B. Athey, Durham, NC
Mr. Harold L. Atkins, East Setauket, NY
Mr. and Mrs. Wade W. Atkins, Chapel Hill, NC
Mr. Dale Gay Atkinson, Talladega, AL
Mr. Harold W. Atkinson, North Myrtle Beach, SC
Atlantic Coast Conference, Greensboro, NC
Dr. and Mrs. Gilbert P. August, Washington, DC
Ms. Margaret Ault, Durham, NC
Dr. and Mrs. Edwin L. Auman, High Point, NC
Mrs. J. M. Auman, Sanford, NC
Dr. James Richard Auman, Portsmouth, VA
Mr. and Mrs. Kirk C. Aune, Chapel Hill, NC
Ms. Gail S. Austin, Mill Valley, CA
Ms. Margaret H. Austin, Charlotte, NC
Ms. Patricia B. Austin, Greensboro, NC
Dr. William E. Austin, Winston-Salem, NC
Mr. John A. Auten, Asheville, NC
Mr. Coleman Autry, Autryville, NC
Mr. and Mrs. John D. Avant, Raleigh, NC
Dr. F. Walton Avery, Raleigh, NC
Ms. Mary Anne Avery, Rocky Mount, NC
Dr. David Leonard Avner, Greensboro, PA
Mr. Arthur Axelbank, Hillsborough, NC
Mr. John W. Aycock, Rocky Mount, NC
Mr. and Mrs. William Aycock, II, Greensboro, NC
Mr. and Mrs. Nathan M. Ayers, Greensboro, NC
Dr. Rebecca Ayres, Roswell, GA
Mr. and Mrs. Warren B. Babcock, Raleigh, NC
Dr. Cristin Jane Babcock, Portland, OR
Mr. Richard Paxton Badham, Raleigh, NC
Mr. and Mrs. George Bagby, Charlotte, NC
Mr. James Baggett, Roanoke Rapids, NC
Dr. Henry C. Baggett, Jr., Rocky Mount, NC
Dr. Joseph Woodrow Baggett, Fayetteville, NC
Ms. Jill C. Bagwell, Raleigh, NC
***Mrs. James F. Bagwell, Washington, NC**
Dr. Claude Fletcher Bailey, Elizabeth City, NC
Dr. Hilda Hart Bailey, Salisbury, NC
Ms. Leslie W. Bailey, Williamston, NC
Dr. and Mrs. Clifford Bair, Chapel Hill, NC
Mr. and Mrs. John W. Baird, Elizabethtown, NC

Graduation day: The dreams of becoming a doctor are fulfilled. Facial expressions tell the story, as Dean Stuart Bondurant, M.D., offers congratulations to Marian Ebron. Photographs in this section were taken by Chapel Hill photographer Dan Crawford during 1991 commencement ceremonies.

Mrs. Thomas Baird, Roanoke Rapids, NC
Dr. Haynes Wallace Baird, Greensboro, NC
Mr. A. Napier Baker, Chapel Hill, NC
Mr. and Mrs. Ben Baker, Oak City, NC
Dr. Christopher C. Baker, Chapel Hill, NC
Ms. Elizabeth Kennedy Baker, New Bern, NC
Mr. Phillip D. Baker, Myrtle Beach, SC
Col. Raymond H. Baker, Chapel Hill, NC
Dr. John Harrison Baker, Williamsburg, VA
Dr. William E. Bakewell, Jr., Hillsborough, NC
Dr. Andrew H. Balder, Longmeadow, MA
Mr. Joseph D. Baldwin, Lillington, NC
Mr. and Mrs. William Baldwin, Mc Leasville, NC
Dr. Gertrude Archer Bales, Rochester, NY
Mr. and Mrs. Edward F. Balfe, Nassau, NY
Mr. and Mrs. L. William Ballard, Smithfield, VA
Mr. and Mrs. Hunter Ballew, Chapel Hill, NC
Mrs. Elizabeth Bangle, Lincolnton, NC
Dr. and Mrs. Samuel L. Banks, Chattanooga, TN
Barbecue House, Raleigh, NC
Mr. Thomas E. Barbour, Benson, NC
Ms. Margaret A. Barclay, Wilmington, NC
Mrs. John W. Barker, Chapel Hill, NC
Dr. Karl Lee Barkley, Greensboro, NC
Mr. and Mrs. Thomas W. Barnette, Plantation, FL
Dr. Luther E. Barnhardt, Jr., Marion, NC
Ms. Mavis Barnhill, Ivanhoe, NC
Ms. Lane W. Barnhill, Durham, NC
Dr. Antonella Barreca, Genoa, Italy
Ms. Betha L. Barrett, Chapel Hill, NC
Mr. and Mrs. Gerald Barrett, Chapel Hill, NC
Mrs. Pauline R. Barrett, Waterloo, IA
Mrs. Phyllis C. Barrett, Chapel Hill, NC
Dr. Raymond J. Barrett, Durham, NC
Dr. Charles Harold Barrier, Greenville, NC
Dr. Archie Lipe Barringer, Mount Pleasant, NC
Dr. Michael Lynn Barringer, Shelby, NC
Mr. and Mrs. Paul B. Barringer, Weldon, NC
Dr. Phil Louis Barringer, Monroe, NC
Mrs. Candice Barrs, Fort Lauderdale, FL
Dr. and Mrs. David W. Barry, Chapel Hill, NC
Mr. and Mrs. Dennis Barry, Greensboro, NC
Dr. Paul Douglas Barry, Greensboro, NC
Dr. Robyn Walters Barst, Scarsdale, NY
Mr. David A. Bartholomew, Chapel Hill, NC
Ms. Bertha Bartra, Parkland, FL
Dr. Robert Alonzo Bashford, Chapel Hill, NC
Ms. Estaline T. Bass, Clinton, NC
Ms. Jane B. Bass, Cary, NC
Mr. Harold H. Bate, New Bern, NC
Mr. and Mrs. John Bate, Jr., Wrightsville Beach, NC
Ms. Flicka T. Bateman, Chapel Hill, NC
Dr. Wallace Bryson Bateman, Jr., Goldsboro, NC
Dr. and Mrs. Frank T. Batten, Wilson, NC
***The Battle Foundation, Inc., Rocky Mount, NC**
Mr. and Mrs. Thomas B. Battle, Rocky Mount, NC
Battleground Civitan Club, Greensboro, NC
Mr. Ted Bauer, Coconut Creek, FL
Mr. and Mrs. Edward J. Bauman, Greensboro, NC
Dr. Mary John Baxley, Greensboro, NC
Mr. and Mrs. Robert Baynes, Greensboro, NC
Mr. and Mrs. Bradford Baysden, Jacksonville, NC
Mr. and Mrs. Norton Beach, Chapel Hill, NC
Ms. Jessie Mae Beal, Roanoke Rapids, NC
Mr. W. Earle Beale, Wilmington, NC
Bealer Wholesale, Inc., Charlotte, NC
Dr. Martin Fearing Beals, Jr., Elizabeth City, NC
Ms. Martha Lee Bean, Roswell, NM
Mr. Richard S. Bear, Chapel Hill, NC
Mr. Thomas R. Beard, Greensboro, NC
Mr. George W. Beatty, Chapel Hill, NC
Ms. Clois G. Beck, Lexington, NC
Ms. Mary A. Beck, Chapel Hill, NC
Mr. and Mrs. Arthur F. Becker, Jacksonville, NC
Mr. Myron J. Becker, Chapel Hill, NC
Dr. Stephen N. Becker, Libby, MT
Ms. Helmi J. Beckmann, New Bern, NC
Dr. James Joseph Bedrick, Charlotte, NC
Mr. Harvey Beech, Kinston, NC
Mr. Carl M. Beery, Durham, NC
Mrs. Lloyd C. Jay Beery, Orlando, FL
Dr. Elizabeth Peterson Belch, Melbourne, FL

Mr. and Mrs. John R. Belfi, Greensboro, NC
Dr. Linda Raines Belhorn, Cincinnati, OH
Mr. and Mrs. William I. Belk, Charlotte, NC
Mr. and Mrs. Gerald D. Bell, Chapel Hill, NC
Mr. Paul B. Bell, Charlotte, NC
Ms. Kimberly P. Bell, Chapel Hill, NC
Mr. Peter Bell, Jr., Pittsboro, NC
Mr. and Mrs. Clark Bellamy, Wilmington, NC
Mr. and Mrs. Robert F. Bellamy, Wilmington, NC
Ms. Helen R. Bellar, Chapel Hill, NC
Ms. Deborah L. Bellingham, Carrboro, NC
Belmont Jaycees, Belmont, NC
Mrs. Ann T. Bencini, High Point, NC
Dr. Neil Carmichael Bender, New Bern, NC
Ms. Janet Stoughton Benedict, Aspen, CO
Ms. Joan Ramsey Bennett, Cheraw, SC
Dr. Lawrence Northwood Bennett, Wilkesboro, NC
Dr. Truett Vann Bennett, Oriental, NC
Dr. George William Bensch, Stockton, CA
Mr. Benjamin Benson, New York, NY
Dr. John DeWitt Benson, Cary, NC
Dr. George Ruffin Benton, III, Brevard, NC
Mr. and Mrs. L. Page Benton, Jr. Garner, NC
Dr. and Mrs. Thomas Wyatt Benton, Charlotte, NC
Dr. Robert Gary Berger, Chapel Hill, NC
Mr. and Mrs. Barrie Bergman, Durham, NC
Dr. Juris Bergmanis, Honolulu, HI
Mr. Mark T. Bergner, Durham, NC
Mr. and Mrs. Robert A. Bergner, Providence, RI
Dr. Scott Bruce Berkeley, Jr., Goldsboro, NC
Mr. and Mrs. Michael A. Berkelhammer, Greensboro, NC
Dr. Lee R. Berkowitz, Chapel Hill, NC
Dr. M. Jonathan Bern, Roanoke, VA
***Mr. and Mrs. Herman Bernard, High Point, NC**
Dr. Stephen Alan Bernard, Chapel Hill, NC
Dr. and Mrs. Jerry Charles Bernstein, Raleigh, NC
Mr. Peter R. Berrafato, Chapel Hill, NC
Dr. Billy Wayne Berry, Jr., Chicago, IL
Dr. Douglas F. Berry, Bend, OR
Mr. and Mrs. Ray Berry, Greensboro, NC
Dr. Bruce H. Berryhill, Charlotte, NC
Mr. and Mrs. W. S. Berryhill, Charlotte, NC
Ms. Nancy L. Berson, Carrboro, NC
Dr. Marsha F. Bertholf, Gainesville, FL
Dr. Edward Hiltner Bertram, III, Charlottesville, VA
Dr. Margaret L. Bertrand, Greensboro, NC
Best Distributing Company, Goldsboro, NC
Munroe Best Foundation, Goldsboro, NC
Beta Sigma Phi, Exemplas Chapter X-3196, Mount Airy, NC
Beta Sigma Phi, Gamma Delta Chapter, Mount Airy, NC
Beta Sigma Phi, Preceptor Alpha Sigma, High Point, NC
Beta Sigma Phi, Greensboro, NC
Beta Sigma Phi, Kinston, NC
Bethany Oil Fire Department, Madison, NC
Ms. Catherine C. Betor, Chapel Hill, NC
Mr. Joy B. Biadomang, Chapel Hill, NC
Dr. W. Dean Bidgood, Jr., Melrose, FL
Mr. John B. Biecyk, Chapel Hill, NC
Big Rock Blue Marlin Tournament, Morehead City, NC
Dr. William Paul Biggers, Chapel Hill, NC
Mr. John G. Bikle, Jr., Wilson, NC
Dr. Robert Hodges Bilbro, Raleigh, NC
Dr. Stephen Bates Billick, New York, NY
Ms. Sheila Billingsley, Winston-Salem, NC
Olin T. Binkley Baptist Church, Chapel Hill, NC
Biltmore Estate, Asheville, NC
Biomedical Equipment Rental & Sales, Inc., Raleigh, NC
Mrs. Stacey M. Bishop, Cary, NC
Dr. and Mrs. John R. Bittner, Chapel Hill, NC
Dr. Karl F. Bitter, Asheville, NC
Mr. and Mrs. Christopher V. Bizzell, Chapel Hill, NC
Dr. James Franklin Black, Lexington, NC
Mr. and Mrs. W. F. Black, Greensboro, NC
Dr. Jesse Aycock Blackman, Fremont, NC
Dr. Floriece Graham Blackmon, Lubbock, TX
Mr. William E. Blackwell, Greensboro, NC
Ms. Jennifer W. Blair, Chapel Hill, NC
Ms. Marie W. Blair, Wilson, NC
Mrs. R. G. Blair, New Bern, NC
Dr. Robert Gillespie Blair, Jr., New Bern, NC
Dr. George Walker Blair, Jr., Burlington, NC
Mr. and Mrs. Todd McL. Blair, Atlanta, GA
Mr. and Mrs. Gradie L. Blake, Carrboro, NC
Mr. and Mrs. Michael C. Blake, Cary, NC
Dr. Gerald Wayne Blake, Raleigh, NC
Dr. and Mrs. Robert A. Blake, Gastonia, NC
Ms. Susan F. Blakely, Mars Hill, NC
Mr. U. B. Blalock, Jr. Fayetteville, NC
Ms. Margaret A. Blanchard, Chapel Hill, NC
Mr. and Mrs. William and Holly Bowles Blanton, Raleigh, NC
Mr. Norman E. Block, Jr., Midlothian, NC
Blockade Runner, Wrightsville Beach, NC
Dr. and Mrs. Frederick Alexander Blount, Winston-Salem, NC
Mr. and Mrs. F. L. Blount, Jr., Bethel, NC
Mr. and Mrs. James Blount, Jr., Raleigh, NC
Dr. and Mrs. John M. Blount, III, Salisbury, NC
Mr. and Mrs. A. W. Bloxham, Winston-Salem, NC
Mrs. Allison Blythe, Chicago, IL
Dr. and Mrs. William B. Blythe, Chapel Hill, NC
Dr. Thomas F. Boat, Chapel Hill, NC
Mr. Ralph H. Boatman, Jr., Chapel Hill, NC
Mr. and Mrs. B. Mayo Boddie, Rocky Mount, NC
Mr. and Mrs. John T. Bode, Raleigh, NC
Dr. and Mrs. William Bodner, Jr., Greensboro, NC
Dr. Robert Martin Boerner, Asheville, NC
Mr. and Mrs. Herman Bogaty, Chapel Hill, NC
Dr. Robert S. Boger, Lake Forest, IL
Mr. and Mrs. Mark Boggs, Winter Park, FL
Dr. Jean Crowell Bolan, Washington, DC
Dr. Oscar Howard Bolch, Jr., San Diego, CA
Dr. William Robert Bolding, Raleigh, NC
Mr. and Mrs. Mark L. Boles, Carrboro, NC
Mr. and Mrs. Joseph V. Boley, Cary, NC
Reverend Ruth L. Bolton, Rocky Mount, NC
Mrs. Edward G. Bond, Edenton, NC
Mr. and Mrs. Stuart Bondurant, Atlanta, GA
Dr. Stuart Bondurant, Chapel Hill, NC
Mrs. Jessie C. Boney, Clinton, NC
Mr. and Mrs. William J. Boney, Wilmington, NC
Dr. M. D. Bonner, Greensboro, NC
Books at Quail Corners, Inc., Raleigh, NC
Mr. Fredrick Boone, Kinston, NC
Boone Fire Department, Boone, NC
Boone Jaycees, Boone, NC
Dr. David Warner Boone, Chattanooga, TN
Mrs. Sarah M. Boone, Raleigh, NC
Boonville Jaycees, Inc., Booneville, NC
Mr. and Mrs. Douglas Booth, Charlotte, NC
Dr. Orin Watts Booth, Newport News, VA
Mr. and Mrs. Richard Booth, Charlotte, NC
Mr. and Mrs. Richard C. Booth, Cary, NC
Boots Pharmaceuticals, Shreveport, LA
Ms. Victoria T. Borden, Greensboro, NC
Mr. James C. Bort, Chapel Hill, NC
Mr. and Mrs. James C. Bort, Chapel Hill, NC
Dr. Carl L. Bose, Chapel Hill, NC
Mr. Thomas M. Bost, Charlotte, NC
Joe E. Boston Bible Class, Charlotte, NC
Mr. Stanley Boughton, Sanford, NC
Dr. Thomas Welborn Bouldin, Chapel Hill, NC
Ms. Meri Bourgard, Brooklyn, NY
Dr. Alexis C. Bouteneff, Litchfield, CT
Dr. Edwin A. Bowe, Columbia, SC
Ms. Vickie Lynn Bowen, Kill Devil Hills, NC
Mr. and Mrs. John Bowers, Elizabeth City, NC
Mr. and Mrs. Walter H. Bowers, Troy, NC
Dr. Richard Allan Bowerman, Ann Arbor, MI
Dr. William Hampton Bowers, Richmond, VA
Bowers Fibers, Inc., Charlotte, NC
Dr. Watson A. Bowes, Jr., Chapel Hill, NC
Ms. Jane M. Bowler, Pittsboro, NC
Mr. and Mrs. Kelly Bowles, Greensboro, NC
Mr. Hargrove Bowles, III, Spartanburg, SC
Ms. Patricia A. Bowley, Chapel Hill, NC
Dr. Frederick Oscar Bowman, Jr., Riverdale, NY
Ms. Lucile J. Boyce, Wallace, NC
Dr. Richard A. Boyd, Statesville, NC
Mr. James Marvin Boyette, Raleigh, NC
Mr. and Mrs. W. Ronald Boyles, Mount Airy, NC
Dr. Winslow Brabson, Hampton Falls, NH
Dr. and Mrs. Thomas Brackbill, Greensboro, NC
Mr. Samuel Brackett, Kernersville, NC
Mr. and Mrs. Robert Bracy, Raleigh, NC
Mr. Eric S. Bradford, Chapel Hill, NC
Dr. Harold John Bradley, Jr., Greensboro, NC
Dr. Joseph Lawrence Brady, Jr., Charlotte, NC
Mr. Michael E. Brame, Carrboro, NC
Dr. and Mrs. Robert Griffin Brame, Greenville, NC
Dr. George L. Branch, Rochester, NY
Mrs. Margaret L. Brandon, Winston-Salem, NC
Ms. Rochelle Monique Brandon, Winston-Salem, NC
Mr. and Mrs. T. Brandon, Jr., Williamston, NC
Dr. Karl Brandspigel, Elizabeth City, NC
Mr. Murray D. Brandt, Durham, NC
Mr. and Mrs. Robert W. Brandt, New Bern, NC
Dr. R. Edward Branson, San Ramon, CA
Dr. Julian Chisolm Brantley, III, Washington, NC
Dr. Julian Thweatt Brantley, Jr., Bethesda, MD
Dr. Julian Thweatt Brantley, Greensboro, NC
Dr. Harry Robert Brashear, Jr., Chapel Hill, NC
Mr. David A. Bratcher, Raleigh, NC
Mr. Charles F. Bratton, Asheville, NC
Dr. Robert Watson Brawley, Charlotte, NC
Dr. Doris Blackwell Braxton, Burlington, NC
Dr. Patrick Garnett Bray, Cleveland, OH
Mr. Terrence Brayboy, Chapel Hill, NC
Dr. C. A. Bream, Chapel Hill, NC
Dr. Peter Reynolds Bream, Jacksonville, FL
Mr. Robert A. Bremer, Durham, NC
Ms. Betsy W. Brennan, Raleigh, NC
Mr. and Mrs. William Brennan, Raleigh, NC
Dr. Edward Haskell Brenner, Freehold, NJ
Dr. and Mrs. William E. Brenner, Chapel Hill, NC
Dr. Bradley C. Brenton, Goldsboro, NC
Ms. Linda K. Brett, Chapel Hill, NC
Ms. Erin E. Brewer, Carrboro, NC
Ms. Frances J. Brewer, Chapel Hill, NC
Ms. Katherine M. Brewer, Chapel Hill, NC
Mrs. Lucy H. Brewer, Siler City, NC
Dr. Thomas E. Brewington, Jr., Greensboro, NC
Mr. and Mrs. Brian E. Brigman, Chapel Hill, NC
Mr. Claude C. Bridger, Wilmington, NC
Dr. Eugene Drew Bridges, Wake Forest, NC
Dr. R. Alan and Mrs. Irene Briggaman, Chapel Hill, NC
Ms. Jennifer Briggs, Chapel Hill, NC
Mr. and Mrs. C. F. Bright, Elizabeth City, NC
Dr. Paul Hamer Brigman, Trinity, NC
Mr. and Mrs. Charles N. Briley, Charlotte, NC
Mr. and Mrs. Kevin M. Bringewatt, Chapel Hill, NC
Dr. Kenneth M. Brinkhous, Chapel Hill, NC
Dr. Jon Philip Brisley, Durham, NC
Mrs. Elizabeth Britt, Washington, NC
Mr. Sidney M. Britt, Murfreesboro, NC
Mr. and Mrs. Orson J. Britton, Chapel Hill, NC
Dr. Julian Stanley Brock, Rocky Mount, NC
Mr. Stephen E. Brock-Loftis, Henderson, NC
Mr. and Mrs. J. Scott Brockenbrough, Durham, NC
Dr. Bruce R. Brodie, Greensboro, NC
Dr. Dora M. Brodie, Greensboro, NC
Mr. and Mrs. John M. Brodie, Chapel Hill, NC
Mr. and Mrs. David S. Brody, Kinston, NC
Mrs. Jake Brody, Kinston, NC
Mr. Julius S. Brody, Kinston, NC
Dr. and Mrs. John Irving Brooks, Jr., Tarboro, NC
Dr. Ralph Elbert Brooks, Jr., High Point, NC
Dr. Harry Lee Broome, Alpharetta, GA

Dr. N. Elaine Broskie, Portland, OR
Dr. James Patterson Browder, III, Chapel Hill, NC
Brown-Gardiner Drug Co., Inc., Greensboro, NC
Dr. Bobby Craig Brown, Decatur, GA
Dr. Charles W. Brown, Jesup, GA
Mr. Chester H. Brown, Jr., Greensboro, NC
Mr. Christopher Andrew Brown, Raleigh, NC
Mr. and Mrs. Churchill P. Brown, Greensboro, NC
Ms. Elizabeth Wight Brown, Richmond, VA
Mr. and Mrs. Eugene A. Brown, Durham, NC
Ms. Lucile M. Brown, Morven, NC
Ms. Melissa G. Brown, Durham, NC
Mr. and Mrs. Michael C. Brown, Wilmington, NC
Mr. and Mrs. Morgan E. Brown, Sanford, NC
Dr. Paul E. Brown, Hickory, NC
Mrs. Ralph F. Brown, Cove City, NC
Dr. Robert C. Brown, Chapel Hill, NC
Mr. and Mrs. Ron Brown, Sanford, NC
Mr. Ryan A. Brown, Carrboro, NC
Dr. Teresa T. Brown, Chapel Hill, NC
Dr. Toby Louis Brown, Warrenton, VA
Mr. and Mrs. William E. Brown, Fayetteville, NC
Mrs. Katherine A. Browne, Chapel Hill, NC
Dr. Iley Baker Browning, III, Durham, NC
Dr. Robert C. Brownlee, Chapel Hill, NC
***Broyhill Family Foundation, Inc., Lenoir, NC**
Mr. and Mrs. Thomas H. Broyhill, Lenoir, NC
Mr. A. David Bruce, Jr., Scotland Neck, NC
Mr. Vic L. Bruinton, Knightdale, NC
Mrs. Susan H. Brunssen, Durham, NC
Dr. and Mrs. Edwin L. Bryan, Greensboro, NC
Dr. J. Hugh Bryan, Fayetteville, NC
Dr. James A. Bryan, II, Chapel Hill, NC
Mr. Joseph M. Bryan, Jr., Greensboro, NC
Mr. Joseph M. Bryan, Sr., Greensboro, NC
Dr. Donna M. Bryant, Chapel Hill, NC
Mr. and Mrs. Harry M. Bryant, Sr., Gastonia, NC
Bryson City Jaycees, Bryson City, NC
Ms. Beulah H. Buchanan, Broadway, NC
Mr. and Mrs. William C. Buckmaster, Durham, NC
Mrs. Sylvia C. Buckner, Roxboro, NC
Bucks Oil Company, Inc., Wendell, NC
Mr. Raymond C. Buday, Carrboro, NC
Mr. Erich Buehler, Brevard, NC
Dr. Stephen Eugene Buie, Asheville, NC
Dr. Graham Wesley Bullard, Charlotte, NC
Mr. and Mrs. William O. Bullins, High Point, NC
Mr. and Mrs. D. W. Bumgardner, Jr., Belmont, NC
Dr. and Mrs. Paul L. Bunce, Chapel Hill, NC
Dr. Leslie Anne Bunce, Rochester, NY
Burgaw Jaycees, Burgaw, NC
Mr. Dean T. Burgess, Staley, NC
Ms. Jacquelyn Goodwin Burgess, Apex, NC
Dr. W. Patrick Burgess, Charlotte, NC
Mrs. Mebane H. Burgwyn, Jackson, NC
Mr. and Mrs. Herman Burick, Greensboro, NC
Mr. and Mrs. William C. Burkhardt, Raleigh, NC
Mr. Colon Clay Burkhart, Lexington, NC,
Dr. Brenton T. Burkholder, Atlanta, GA
Mr. and Mrs. Robert M. Burleson, Houston, TX
Dr. J. Andrew Burnam, Fort Myers, FL
Mr. and Mrs. T. B. Burnett, Greensboro, NC
Mr. and Mrs. A. W. Burnette, Jr., New Bern, NC
Dr. Michael Claude Burnette, Tampa, FL
Dr. and Mrs. D. Patrick Burney, Greensboro, NC
Mr. Kevin L. Burns, Lenoir, NC
Mr. and Mrs. W. L. Burns, Jr., Durham, NC
Mr. and Mrs. John W. Burress, III, Winston-Salem, NC
Ms. Mary J. Burri, Chapel Hill,
Dr. Paul L. Burroughs, Jr., Raleigh, NC
***Burroughs-Wellcome Fund, Research Triangle Park, NC**
Dr. James H. Burrus, Shelby, NC
Mr. and Mrs. William C. Burton, Asheville, NC
Dr. Julian Goode Busby, Jr., High Point, NC
Mr. Philip F. Busby, Ft. Lauderdale, FL
Dr. William J. Busby, Thomasville, NC
Mr. Keith Butner, Fuquay-Varina, NC
Mrs. Blanche P. Byerly, Lexington, NC
Dr. W. Grimes Byerly, Jr., Hickory, NC
Dr. Baxter H. Byerly, Tallahassee, FL
Mr. and Mrs. Richard A. Byers, Charlotte, NC
Dr. John Winchester Byers, Green Cove Springs, FL
Dr. R. William Bynum, IV, Rocky Mount, NC
Dr. Donald Bynum, Durham, NC
Cabarrus County Fire Department, Concord, NC
Ms. Carletta R. Cagle, Cameron, NC
Marlene S. Calderon, Durham, NC
Mr. and Mrs. James R. Caldwell, Jr., Chapel Hill, NC
Ms. Jean C. Caldwell, Charlotte, NC
Dr. and Mrs. Jesse Burgoyne Caldwell, Jr., Gastonia, NC
Mr. and Mrs. Paul T. Caldwell, Chapel Hill, NC
Dr. Daniel Malloy Calhoun, Jr., Yorktown, VA
Dr. Aubrey Daniel Calhoun, Mooresville, NC
Dr. W. Tom Callahan, Gainesville, GA
Ms. Mary Aretas Callaway, Raleigh, NC
Mr. Richard Callicutt, High Point, NC
Bruce B. Cameron Foundation, Wilmington, NC
Mr. Dan D. Cameron, Wilmington, NC
Dr. and Mrs. Paul S. Camnitz, Greenville, NC
Dr. Barbara Jean Campbell, Somerset, PA
Reverend and Mrs. David C. Campbell, Springfield, VA
Mrs. Hugh B. Campbell, Charlotte, NC
Mr. and Mrs. James W. Campbell, Graham, NC
Mrs. Mildred L. Campbell, Pinehurst, NC
Ms. Sharron Campbell, Charlotte, NC
Mr. W. Stanley Campbell, Chapel Hill, NC
Dr. and Mrs. William G. Cance, Asheville, NC
Mr. and Mrs. Timothy A. Canning, Raleigh, NC
Mr. and Mrs. A. Leon Capel, Jr., Troy, NC
Dr. Gail M. Capel, Schenectady, NY
Dr. Karen Sheree Caple, Manassas, VA
Dr. M. Paul Capp, Tucson, AZ
Mr. Peter A. Caprise, Jr., Chapel Hill, NC
Mr. and Mrs. Joseph P. Carlo, Pittsboro, NC
Mr. R. R. Carlson, Chapel Hill, NC
Mr. and Mrs. Charles E. Carlton, Chapel Hill, NC
Carnation Company, Glendale, CA
Dr. I. Caro, Mercer Island, WA
Carolina Anesthesiology, P.A. High Point, NC
Carolina Builders, Raleigh, NC
Carolina Plywood Foundation, Inc., Lexington, NC
Carolina Power & Light Company, Raleigh, NC
Mr. and Mrs. Cecile M. Caron, Chapel Hill, NC
Caron's Auto Body, Nashua, NH
Dr. Vincent Carrasco, Carrboro, NC
Dr. Donald W. Carringer, Crossnore, NC
Mrs. Elizabeth S. Carrington, Burlington, NC
Mr. and Mrs. E. D. Carson, Williamston, NC
Dr. Jack Oliver Carson, Grifton, NC
Mr. Lloyd M. Carson, Jr,. Autryville, NC
Mr. and Mrs. Philip G. Carson, Asheville, NC
Mr. and Mrs. Martin Carstarphen, McAdenville, NC
The Carter Foundation, Greensboro, NC
Mr. and Mrs. John A. Carter, Captiva Island, FL
Mr. John E. Carter, Fuquay-Varina, NC
Dr. Paul M. Carter, Fayetteville, NC
Mrs. Pauline B. Carter, Greensboro, NC
Dr. and Mrs. Philips Carter, Greensboro, NC
Mr. and Mrs. W. L. Carter, Jr., Greensboro, NC
Carthage Jaycees, Inc., Carthage, NC
Cary Jaycees, Cary, NC
Dr. David Wayne Cash, Statesville, NC
Cashwell Appliance Parts, Inc., Fayetteville, NC
Dr. Leon Franklin Cashwell, Jr., Winston-Salem, NC
Ms. Maureen Cassidy, Durham, NC
Ms. Frances S. Cates, Chapel Hill, NC
Mr. and Mrs. John Allen Cates, Chapel Hill, NC
Dr. Cornelius F. Cathcart, Henderson, NC
Mr. and Mrs. Fitz R. Caudle, Wrightsville Beach, NC
Mrs. Janet Caudle, Hillsborough, NC
Mr. Wade Leonard Cavin, Durham, NC
***Dr. Verne S. Caviness, Raleigh, NC**
Mr. and Mrs. Steven Cayne, Hauppauge, NY
CBS Records, Inc., New York, NY
CCB Foundation, Durham, NC
Mr. and Mrs. George H. V. Cecil, Biltmore Forst, NC
Dr. Robert C. Cefalo, Chapel Hill, NC
Cellular One of the Triange, Raleigh, NC
Central Carolina Bank and Trust Co. Durham, NC
Mr. and Mrs. James J. Chaffin, Ridgeland, SC
Dr. Indra M. Chakravarti, Chapel Hill, NC
Dr. Harrie R. Chamberlin, Chapel Hill, NC
Dr. John R. Chambliss, Jr., Rocky Mount, NC
Ms. Mary L. Chance, Kill Devil Hills, NC
Ms. Mabel Chancy, Clarkton, NC
Dr. Edward L. Chaney, Chapel Hill, NC
Mr. Jerjang Chang, Durham, NC
Mr. Ta-Yuan Chang, Hanover, NH
Mr. and Mrs. Dennis Chao, Carrboro, NC
Chapel Hill—Carrboro Jaycees, Inc., Chapel Hill, NC
Chapel Hill Religious Society of Friends, Chapel Hill, NC
Chapel Hill Tire Company Inc., Chapel Hill, NC
The Chapel of the Cross, Chapel Hill, NC
Dr. Don C. Chaplin, Burlington, NC
Mr. and Mrs. A. Douglas Chapman, Charlotte, NC
Charleston Gastroenterology Associates, Charleston, WV
Charlotte Jaycee Foundation, Inc., Charlotte, NC
Charlotte-Mecklenburg Hospital Authority, Charlotte, NC
Ms. Jennifer E. Charlton, Durham, NC
Dr. Sandra Blethen Chasalow, Glen Cove, NY
Mr. John S. Chase, Chapel Hill, NC
Ms. Lucy Chatham, State Road, NC
Mr. and Mrs. Dennis H. Cheek, Chapel Hill, NC
Ms. Mary Sue M. Cheek, Chapel Hill, NC
Dr. William S. Cheek, Spartanburg, SC
Dr. Evelyn May Cherpak, Portsmouth, RI
Mr. John Cherry, Jr., Jacksonville, FL
Cherryville Fire Department, Cherryville, NC
Dr. Robert H. Chesky, Brighton, MI
Mr. David A. Chesnut, Turkey, NC
Ms. Margaret G. Chesson, Chapel Hill, NC
Children's Hospital Med. Ctr. of Akron, Akron, OH
Dr. Geoffrey J. Childs, Tuckahoe, NY
Mr. and Mrs. Buck L. Chisenhall, Raleigh, NC
Mr. Ammos Chorny, Greensboro, NC
Mr. M. V. Christenbury, Raleigh, NC
Dr. William N. Christenson, Bronxville, NY
Mr. William S. Christian, Raleigh, NC
Christian Adoption Services ICAA, Matthews, NC
Dr. R. Meade Christian, Jr., Chapel Hill, NC
Ms. Claudia G. Christy, Hillsborough, NC
Mr. Peter T. Chu, Chapel Hill, NC
Dr. Jehangir N. Chubb, Chapel Hill, NC
Mr. and Mrs. Gerald W. Church, Winston-Salem, NC
Mr. John Trammell Church, Henderson, NC
Church of St. Thomas More, Chapel Hill, NC
The Church of the Good Shepert, Augusta, GA
Mrs. Harriet Chused, Kinston, NC
***Ciba-Geigy, Summit, NJ**
Cidlowski Lab, Chapel Hill, NC
Dr. John A. Cidlowski, Chapel Hill, NC
Mr. and Mrs. Raymond P. Cienck, Sr., Greensboro, NC
Mr. Stephen Ciesielski, Carrboro, NC
Dr. David Sanford Citron, Charlotte, NC
Claremont Jaycees, Claremont, NC
***Mr. and Mrs. Arthur Clark, Durham, NC**
Mr. Vernon Clark, Durham, NC
Dr. Franklin St. Clair Clark, III, Fayetteville, NC
Dr. Lee Andrew Clark, Jr., Wilson, NC
Mrs. C. B. Clark, Jr., Williamston, NC
Dr. Carolyn Clark, Warner Rubins, GA
Dr. and Mrs. Douglas W. Clark, Durham, NC
Dr. Henry Toole Clark, Jr., Chapel Hill, NC
Mr. and Mrs. John B. Clark, Greensboro, NC
Dr. and Mrs. Preston S. Clark, Greensboro, NC
Dr. Reid M. Clark, Greensboro, NC

Dr. Richard L. Clark, Chapel Hill, NC
Dr. William Gilmer Clark, Charlotte, NC
Mr. and Mrs. William E. Clark, Sr., Charlotte, NC
Mr. and Mrs. C. Lee Clarke, Goldsboro, NC
Dr. Charles Lee Clarke, Jr., Las Vegas, NV
Mr. and Mrs. James McC. Clarke, Fairview, NC
Mrs. Hazel L. Clary, Greensboro, NC
Dr. Charles H. Classen, Jr., Kinston, NC
Ms. Deborah J. Claypoole, Chapel Hill, NC
Mr. Henry F. Clayton, Hurdle Mills, NC
Dr. Melvin L. Clayton, Murfresesboro, NC
Dr. Tawanda B. Clayton, Lumberton, NC
Mr. and Mrs. D. Hayes Clement, Jr., Greensboro, NC
Mr. and Mrs. Marshall Clements, Durham, NC
Dr. R. Carter Clements, Oakland, CA
Dr. David R. Clemmons, Chapel Hill, NC
Dr. Gregor G. Cleveland, Gainesville, FL
Cleveland Volunteer Fire Department, Shelby, NC
Mr. and Mrs. G. H. Clinard, High Point, NC
Ms. Hayden Cline, Durham, NC
Dr. Robert S. Cline, Sanford, NC
Clinton Jaycees, Clinton, NC
Rev. Mary Alene Clive, Durham, NC
Mr. Jean C. Cloer, Bryson City, NC
Dr. Timothy Earl Cloninger, Charlotte, NC
Dr. Luther Hall Clontz, Morganton, NC
Mr. Timothy J. Clontz, Greensboro, NC
Ms. Patricia Cluff-Hallmark, Lexington, KY
Dr. George Robert Clutts, Greensboro, NC
Dr. Wallace A. Clyde, Jr., Chapel Hill, NC
Mr. and Mrs. Jimmy W. Coats, Raleigh, NC
Mr. and Mrs. Allen Cobb, Wrightsville Beach, NC
Cochlear Corporation, Englewood, CO
Mr. and Mrs. H. D. Cochrane, Jr., Greensboro, NC
Mr. William McWhorter Cochrane, Washington, DC
Mr. and Mrs. W. Edgar Cockrell, III, Chapel Hill, NC
Ms. Anne F. K. Coenen, Chapel Hill, NC
Coggin Pontiac Mazda, Durham, NC
Mr. John Coggin, Durham, NC
Dr. Robert Henry Cohan, Pensacola, FL
Dr. Brian Jeffrey Cohen, Cambridge, MA
Dr. I. Kelman Cohen, Richmond, VA
Ms. Irene Cohen, Greensboro, NC
Mr. and Mrs. L. I. Cohen, Sanford, NC
Mr. Philip L. Cohen, Chapel Hill, NC
Dr. Charles F. Colby, Greenwood, SC
Ms. Azeline S. Colclough, Morrisville, NC
Dr. George Watts Colclough, Lexington, KY
Ms. Carolyn H. Cole, Durham, NC
Dr. Enser William Cole, III, Severna Park, MD
Mr. and Mrs. Billy J. Coleman, High Point, NC
Clarence C. Coleman, Jr., Raleigh, NC
Dr. Philip Divoll Coleman, Jr., Washington, NC
Dr. William Lord Coleman, Chapel Hill, NC
Dr. and Mrs. Sterling R. Collett, Morganton, NC
Dr. James R. Collett, Morganton, NC
Mr. and Mrs. James C. Collier, Carrboro, NC
Dr. Hal Franklin Collier, Flowery Branch, GA
Ms. Aline B. Collins, Fair Bluff, NC
Ms. Anna Belle Collins, Chapel Hill, NC
Dr. Charles D. Collins, Mt. Airy, NC
SSG Donald C. Combs, Wahiawa, HI
Ms. Eleanor K. Comer, Gastonia, NC
Mrs. Anne W. Cone, Greensboro, NC
***Mr. and Mrs. Herman Cone, Jr., Greensboro, NC**
Mr. and Mrs. Howard B. Cone, Richmond, VA
Ms. Ruthann C. Confides, Lexington, KY
Dr. Abraham Benjamin Conger, Jr., Columbus, GA
Mr. and Mrs. Hall Conley, Marietta, GA
Mr. and Mrs. Daniel R. Connell, Raleigh, NC
Mr. Earl B. Connell, KOE IXO Canada
Mr. Mike Conner, Lagrange, NC
Mr. Frank Connor, Charlotte, NC
Mr. and Mrs. Robert Converse, Raleigh, NC
Dr. J. Cook, Asheville, NC
Ms. Judy D. Cook, Raleigh, NC
Dr. W. Andrew Cook, Houston, TX
Dr. William Eugene Cook, Fayetteville, NC
Dr. Charles Lee Cooke, Richmond, VA
Mr. and Mrs. R. Cameron Cooke, Greensboro, NC
Ms. Judy M. Cooley, Raleigh, NC
Mr. and Mrs. Roger A. P. Cooley, Raleigh, NC
Mr. Ralph W. Coonrad, Durham, NC
Ms. Bonnie W. Cooper, Coats, NC
Mr. and Mrs. C. D. Cooper, Columbia, SC
Dr. Edwin B. Cooper, Jr., Kinston, NC
Ms. Margaret Cooper, Chapel Hill, NC
Mr. Nathaniel W. Cooper, Jamesville, NC
Mr. Robert E. Cooper, Charlotte, NC
Dr. Donald Lee Copeland, Huntersville, NC
Mrs. J. William Copeland, Murfressboro, NC
Mr. and Mrs. James L. Copeland, Chapel Hill, NC
Ms. Jennifer Copeland, Carrboro, NC
Dr. and Mrs. Kenneth Copeland, Essex Junction, VT
Mrs. William F. Coppage, Williamston, NC
Mr. and Mrs. Thomas O. Coppedge, Jr., Charlotte, NC
Dr. A. James Coppridge, Durham, NC
Mrs. Ruby Corbitt, Oxford, NC
Mr. and Mrs. David L. Cordes, New Bern, NC
Dr. J. Hicks Corey, Jr., Chattanooga, TN
Mr. and Mrs. John D. Corey, Carrboro, NC
Dr. Barry Charles Corke, Wilmington, DE
Mr. Charles Corley, Chapel Hill, NC
Dr. William Powell Cornell, Phoenix, AZ
Mr. and Mrs. L. A. Corning, III, New Bern, NC
Ms. Anne P. Corpening, Chapel Hill, NC
Ms. S. L. Corpening, Chapel Hill, NC
Dr. William N. Corpening, Granite Falls, NC
Mr. William B. Correll, Jr., Richmond, VA
Mr. O. A. Corriher, Landis, NC
Dr. Linda Cotter, Rohnert Park, CA
Mrs. Richard A. Cottle, Wilmington, NC
Mrs. John N. Couch, Chapel Hill, NC
Dr. Paul William Coughlin, High Point, NC
Dr. Paul William Fitzhen Coughlin, High Point, NC
Dr. John Cromartie Council, Jr., Charlotte, NC
Mr. H. A. Councilor, Pittsboro, NC
Mr. and Mrs. Peter A. Couture, II, Burlington, NC
Mr. and Mrs. David M. Covington, High Point, NC
Ms. Imogene M. Covington, Wadesboro, NC
Mr. and Mrs. J. Phillip Covington, Greensboro, NC
Mr. and Mrs. W. Dunlap Covington, Wadesboro, NC
Ms. Cynthia M. Cowan, Carrboro, NC
Mrs. Gloria Farnell Cowan, Greensboro, NC
Ms. Ila O. Cowan, Beulaville, NC
Dr. Leon Kerr Cowan, Wilson, NC
Dr. Robert Jenkins Cowan, Winston-Salem, NC
Mr. William Cowdery, Durham, NC
Mr. and Mrs. J. W. Cowell, Jr., Bayboro, NC
Mrs. Phyllis Slick Cowell, Rocky Mount, NC
The Hon. and Mrs. A. Cowper, Kinston, NC
Mr. and Mrs. A. W. Cox, Seagrove, NC
Dr. George Elton Cox, Skillman, NJ
Mr. and Mrs. Lester Cox, Siler City, NC
Ms. Ruth S. Cox, Asheboro, NC
Mr. and Mrs. E. Ragland Coxe, Hartsville, SC
Dr. James S. Coxe, III, Raleigh, NC
Mr. and Mrs. Thomas C. Coxe, III, Darlington, SC
Ms. Jennifer Y. Coxson, Madison, WI
Mrs. Mary E. Cozart, Oxford, NC
Mr. Joseph P. Craddock, Reidsville, NC
Mrs. Ben T. Craig, Charlotte, NC
Mr. and Mrs. William L. Craig, III, Carrboro, NC
Ms. Margaret G. Crandall, Chapel Hill, NC
Dr. Dallas Clifford Craven, Jr., Charlotte, NC
Dr. Murray B. Craven, Jr., Charlotte, NC
Dr. Thomas Craven, Jr., Wilmington, NC
Mrs. Adelaide Austell Craver, Shelby, NC
Mr. and Mrs. Donald E. Crawford, Wake Forest, NC
Mrs. Evelyn T. Crawford, Kannapolis, NC
Dr. John Robert Crawford, III, Salisbury, NC
Mr. Russell S. Crawford, Wake Forest, NC
Crede et Vencent Jaycees, Lillington, NC
Dr. Joseph Bernard Credle, Beaufort, SC
Ms. Elizabeth A. Creech, Durham, NC
Mr. T. M. Creech, Faison, NC
Mr. Maurice Creem, Pinehurst, NC
Crestar Bank, Lynchburg, VA
Dr. H. Denniston Crews, Asheville, NC
Dr. John F. Crigler, Jr., Wellesley, MA
Dr. Takey Crist, Jacksonville, NC
Mr. Frank C. Crittenden, Chapel Hill, NC
Mr. Roger M. Cromack, Chapel Hill, NC
Ms. Mylie Cromartie, Calypso, NC
Dr. William J. Cromartie, Chapel Hill, NC
Mr. and Mrs. W. D. Croom, Durham, NC
The Crosland Company, Raleigh, NC
Dr. David B. Crosland, Concord, NC
Cross Creek Jaycees, Fayetteville, NC
Dr. and Mrs. James J. Crossley, Greensboro, NC
Mr. and Mrs. T. Crowder, Jr., South Boston, VA
Mr. and Mrs. William R. Crowder, Durham, NC
Mr. James E. Crowe, Jr., Chevy Chase, MD
Dr. Thomas W. Crowell, Bellingham, WA
Mr. and Mrs. Harry Crowther, Carlisle, MA
Mr. and Mrs. Otis C. Crowther, Heathsville, VA
Ms. Carol J. Crumley, Richmond, VA
Mr. and Mrs. J. Slade Crumpton, Durham, NC
Mr. and Mrs. Charles Crutchfield, Charlotte, NC
Mr. Talton Crutchfield, Pittsboro, NC
Dr. and Mrs. William M. Crutchfield, Elizabeth City, NC
Mr. and Mrs. George Culbreth, Charlotte, NC
Mr. and Mrs. R. G. Culp, Jr., High Point, NC
Mr. Lee Culpepper, Chapel Hill, NC
Mr. and Mrs. Levin B. Culpepper, Elizabeth City, NC
Ms. Pauline M. Cumber, Fayetteville, NC
Dr. C. Cummings, Asheville, NC
Dr. Edward C. Curnen, Jr., Bethany, CT
Dr. Mary G. McCrea Curnen, Bethany, CT
Dr. John T. Curnes, Greensboro, NC
Mrs. Sarah McCain Currie, Southern Pines, NC
Mr. E. R. Curry, Fayetteville, NC
Dr. Roy Lee Curry, Jr., San Francisco, CA
Mr. and Mrs. Donald Curtis, Raleigh, NC
Dr. Russell Lloyd Curtis, Jr., Houston, TX
Mr. Ken Curvin, Salemburg, NC
Mrs. Danford Cutchin, Whitakers, NC
Mr. and Mrs. Fred M. Cuthbertson, Jr., Greensboro, NC
Ms. Loraine J. Cuthbertson, Roanoke, VA
Dr. John Tindal Cuttino, Jr., Concord, MA
Ms. Karen D. Cvetko, Raleigh, NC
Dr. and Mrs. A. Joseph D'Ercole, Chapel Hill, NC
Mr. and Mrs. W. T. Dabney, Lancaster, SC
Mrs. Nancy G. Dale, Kinston, NC
Ms. Carolyn J. Dalldorf, Carrboro, NC
Mr. Frederic Dalldorf, Chapel Hill, NC
Mr. and Mrs. Charles Dalton, Charlotte, NC
Dr. John Weber Dalton, Jr., Santa Monica, CA
***Damascus Christian Church, Chapel Hill, NC**
Dr. and Mrs. T. B. Dameron, Jr., Raleigh, NC
Mr. and Mrs. Robert L. Dancy, Kannapolis, NC
Mr. J. Howard Daniel, Warrenton, NC
Dr. John T. Daniel, Jr., Durham, NC
Dr. Patsy Foster Daniels, Raleigh, NC
Mr. and Mrs. Terry F. Daniels, Elizabeth City, NC
Dr. and Mrs. Worth B. Daniels, Jr., Baltimore, MD
Daniel's Social Committee, Raleigh, NC
Dr. Marion Danis, Chapel Hill, NC
Ms. Clara H. Danziger, Carrboro, NC
Ms. Dana V. Darien, Carrboro, NC
Dr. Thomas Cook Darrell, Fuquay-Varina, NC
Dr. William H. Daughaday, St. Louis, MO
Mr. R. Morgan Daughgety, Wilson, NC
Dr. Allen Joe Daugird, Columbia, MO
Dr. Marsha L. Davenport, Chapel Hill, NC
Dr. Edward W. Davidian, Chapel Hill, NC
Dr. and Mrs. V. A. Davidian, Jr., Raleigh, NC
Davidson County Fireman's Association, Thomasville, NC
Dr. Alan Davidson, III, Long Meadow, MA
Dr. Andrew Davidson, New Bern, NC
Mr. and Mrs. Park R. Davidson, Greensboro, NC
Mrs. Agnes H. Davis, Belmont, NC

Ms. Ann Clark Davis, Raleigh, NC
Dr. Brenda Perry Davis, Chapel Hill, NC
Dr. and Mrs. D. W. Davis, Wadesboro, NC
Dr. Daniel Whitaker Davis, Wadesboro, NC
Dr. David A. Davis, Springfield, TN
Dr. Deborah H. Davis, Auburn, WA
Mr. and Mrs. E. Lawrence Davis, III, Raleigh, NC
Earnest M. Davis, Enfield, NC
Dr. Frank Elbert Davis, III, Rocky Mount, NC
Mr. and Mrs. Gordon H. Davis, Chapel Hill, NC
Dr. James E. Davis, Durham, NC
Dr. John D. Davis, Jr., Blowing Rock, NC
Mr. and Mrs. John W. S. Davis, Henderson, NC
Mr. and Mrs. Luther J. Davis, Jr., Washington, NC
Dr. Mark Harned Davis, Orange, CA
Dr. N. Parke Davis, II, Wilson, NC
Mr. and Mrs. R. P. Stephen Davis, Charlotte, NC
Mr. and Mrs. Ronald H. Davis, Greensboro, NC
Dr. W. Kent Davis, Durham, NC
Mr. and Mrs. Walter Davis, Kitty Hawk, NC
Mr. and Mrs. Bragg Dawson, Jr., Washington, NC
Mr. Charles L. Deal, Lexington, NC
Dr. Stephen Edgar Deal, Richmond, VA
Dr. William Brown Deal, Birmingham, AL
Dean Richards & Associates, Chapel Hill, NC
Ms. Anita I. Dean, Durham, NC
Mr. and Mrs. Stuart S. Deane, Katonah, NY
Dr. Philip Carl Deaton, Greensboro, NC
Ms. Karla L. DeBeck, Chapel Hill, NC
Mr. and Mrs. Arthur DeBerry, Durham, NC
Ms. Adrienne H. Debnam, Wilmington, NC
Mrs. Annie M. DeBorde, Elkin, NC
Mr. Vincent DeGregorio, Elizabeth City, NC
Mr. C. J. Deitz, Belmont, NC
Dr. David Michael Deitz, Olympia, WA
Dr. Patrizia Del Monte, Genoa, Italy
Dr. D. J. Delany, Ringwood, England
Dr. Robert Cedric Dellinger, Jr., Columbia, SC
Dr. James T. DeLuca, P.C. Forest Hills, NY
Dr. Thomas Richard Dempsey, Mobile, AL
Dr. and Mrs. Floyd W. Denny, Chapel Hill, NC
Ms. Rebecca L. Denson, Carrboro, NC
Dental Foundation of NC, Inc., Chapel Hill, NC
Ms. Lily M. Dessauer, Chapel Hill, NC
Mr. and Mrs. Kinsley Van R. Dey, Jr., Chapel Hill, NC
Mr. Alden J. Deyrup, Chapel Hill, NC
Dr. and Mrs. John W. Deyton, Jr., Jacksonville, NC
Dr. Walter E. Deyton, Danville, VA
Ms. Katie Diamond, Lincolnton, NC
Dr. Alexander Colclough Dick, Chestertown, MD
Mr. Leon A. Dickerson, Charlotte, NC
***The Dickson Foundation, Charlotte, NC**
C. C. Dickson Co., Charlotte, NC
Dr. and Mrs. Griggs Cameron Dickson, Charlotte, NC
Mr. and Mrs. S. DiCostanzo, Chapel Hill, NC
Ms. Janet S. Dieffenbach, Chapel Hill, NC
Dr. Cindy Sue Dieringer, Columbia, SC
Col. Joe M. Dietzel, Lumberton, NC
Mr. James E. Diffee, Goldsboro, NC
Mr. and Mrs. Starke Dillard, Raleigh, NC
Dr. James R. Dineen, Wilmington, NC
Dr. Steven Andrew Dingeldein, Burlington, NC
Mr. and Mrs. Frank M. DiSanto, Morganton, NC
Distribution MM, Inc.,
Ms. Hilda Dittman, Swansboro, NC
Division of Environmental Medicine Employees, Chapel Hill, NC
Ms. Elizabeth Patterson Dixon, Raleigh, NC
Mr. Thomas N. Dixon, Pittsboro, NC
Mr. and Mrs. W. Douglas Dixon, Raleigh, NC
Mr. and Mrs. Hoyt B. Doak, III, Chapel Hill, NC
Mr. Calvin J. Dobbins, Jr., Raleigh, NC
Mrs. Agnes A. Doberstein, Chapel Hill, NC
Ms. Mattie W. Dobson, Wilmington, NC
Mr. and Mrs. Mike Dodd, Raleigh, NC
Ms. Susan Carroll Dodson, Butner, NC
***Mrs. Lydia P. Donnelly, Salisbury, NC**
Ms. Cathy A. Donovan, Chapel Hill, NC
Mr. and Mrs. Noah E. Dorius, Southern Pines, NC
Mr. David Dorsett, Newport News, VA
Mr. H. Lindsay Dorsett, Winston-Salem, NC
Dr. J. Dewey Dorsett, Jr., Charlotte, NC
Mr. Phillip K. Dorton, Thomasville, NC
Ms. Nancy B. Dossenbach, Sanford, NC
Dr. Elizabeth James Dotterer, Sanford, NC
Dr. John H. Dougherty, Fairfield Glade, TN
Dr. Edgar S. Douglas, Jr., Greenville, NC
Ms. Yvette Renee' Douglas, Durham, NC
***Dover Foundation, Inc., Shelby, NC**
Mr. David Dowdy, Jr., High Point, NC
Mr. J. Henry Dowdy, High Point, NC
Ms. Maureen M. Doyle, Rohnert Park, CA
Dr. Amelia Fischer Drake, Chapel Hill, NC
Mrs. Letha Mae Draughon, Autryville, NC
Drexel Heritage Furnishings, Drexel, NC
Mr. and Mrs. Dale E. Driscoll, Winston-Salem, NC
Mr. and Mrs. F. E. Driscoll, Winston-Salem, NC
Dr. William Droegemueller, Chapel Hill, NC
Ms. Thomasena T. Drummond, Charlotte, NC
Ms. Virginia J. Dudenhausen, Pittsboro, NC
Dudley Trail Riders, Goldsboro, NC
***The Duke Endowment, Charlotte, NC**
Dr. Thomas Harmon Dukes, III, Charleston, SC
Mr. and Mrs. J. D. Dulaney, Charlotte, NC
Mr. O.F. Dumas, Goldsboro, NC
Dun & Bradstreet Information Systems, Basking Ridge, NJ
Mrs. Howard E. Dunaway, Irvington, VA
Miss. Josephine E. Dunlap, Wadesboro, NC
Dunn Jaycees, Dunn, NC
Ms. Gertrude M. Dunn, Maxton, NC
Mrs. John O. Dunn, Wilmington, NC
Mr. and Mrs. Lewis Dunn, Mebane, NC
Dr. Presley Zachary Dunn, Jr., New Bern, NC
Mr. and Mrs. Harold Dunnagan, Charlotte, NC
Dr. Donal L. Dunphy, Chapel Hill, NC
***Ms. Barbara DuPree, Fayetteville, NC**
The Honorable, F. T. Dupree, Jr., Raleigh, NC
Dr. and Mrs. Michael Durfee, Raleigh, NC
Durham Jaycees, Inc., Durham, NC
Durham Life Insurance Company, Raleigh, NC
Ms. Marsha Ann Durham, Durham, NC
Ms. Sandy M. Durham, Graham, NC
Ms. Therese M. Durkin, Carrboro, NC
Ms. Nancy Duryea, Carrboro, NC
Dr. Robert Vance Dutton, Houston, TX
Dr. Meyer Edwin Dworsky, Huntsville, AL
Ms. Sue Eagerton, Lumberton, NC
Dr. Elizabeth Anne Eagle, Greensboro, NC
Ms. Maryrose V. Eaglin, Fayetteville, NC
Mr. and Mrs. M. L. Eakes, Greensboro, NC
Dr. Ira Gordon Early, Jr., Denver, CO
Mr. Vaughn N. Early, Lake Worth, FL
Mr. and Mrs. Wilbur D. Easler, Carrboro, NC
Dr. Ernest Bernard Eason, Burlington, NC
Dr. Thomas Rupert Easterling, III, Seattle, WA
Dr. William Ewart Easterling, Jr., Chapel Hill, NC
Dr. and Mrs. Dana Eddings, Washington, NC
Eden Jaycees, Eden, NC
Dr. Patricia T. Edkins, Chapel Hill, NC
Mr. A. L. Edwards, Henderson, NC
Dr. Allen R. Edwards, Statesville, NC
Dr. Charles H. Edwards, II, Charlotte, NC
Mr. Charles C. Edwards, Jr., High Point, NC
Dr. James Ronald Edwards, Raleigh, NC
Mr. and Mrs. Jonathan A. Edwards, Raleigh, NC
Mr. and Mrs. Tom Efird, Gastonia, NC
Dr. Courtney David Egerton, Jr., Raleigh, NC
Dr. Larry Duane Eggert, Ogden, UT
Dr. Birgit Ehlers, Washington, DC
Mr. Jonathan W. Eidson, Raleigh, NC
Einstein Institute, Inc., Cary, NC
Ms. Sally W. Eisele, Troutman, NC
Mr. and Mrs. Robert A. Eisenberg, Chapel Hill, NC
Mr. and Mrs. Anwar Hassib El-Jawhari, Chapel Hill, NC
Mrs. M. Joycelyn Elders, Little Rock, AR
Dr. Charles Patterson Eldridge, Jr., Houston, TX
Dr. Boni E. Elewski, Akron, OH
Mrs. Lorraine Elfers, Chapel Hill, NC
Dr. Ernest L. Eliel, Chapel Hill, NC
Elizabeth City Fire Department, Elizabeth City, NC
Ms. Mary Belle Elliott, Greensboro, NC
Dr. B. Thomas Ellis, Shelby, NC
Dr. Clarence O'Neil Ellis, Charlotte, NC
Mr. and Mrs. Clifford R. Ellis, Cary, NC
Dr. Fred W. Ellis, Chapel Hill, NC
Mr. and Mrs. T. Ellis, III, Greenville, NC
Mr. Thomas L. Ellis, Chapel Hill, NC
Mr. and Mrs. John Ellison, Greensboro, NC
Ms. Rebecca G. Ellison, Charlotte, NC
Dr. Ken R. Ellzey, Culver City, CA
Mr. and Mrs. Bruce A. Elmore, Asheville, NC
Mr. and Mrs. William Elmore, Greensboro, NC
Ms. Elena Elms, Chapel Hill, NC
Dr. Inez W. Elrod, Huntersville, NC
Dr. Robert Whitaker Elwell, Ocean City, NJ
Dr. Ronnie-Gail Emden, Portland, OR
Mr. Stephen J. Emery, Arlington, VA
Ms. Roberta Engleman, Chapel Hill, NC
Mr. and Mrs. Ike English, Greensboro, NC
Enka-Candler Jaycees, Enka, NC
Mr. E. R. Ensrud, Champaign, IL
Mr. John W. C. Entwistle, Jr., Leawood, KS
Mr. and Mrs. Mark A. Enyedi, Chapel Hill, NC
Ephesus Baptist Church, Durham, NC
The Episcopal Church of the Holy Family, Chapel Hill, NC
Mr. and Mrs. Francis O. Eppes, Charlotte, NC
Mr. and Mrs. George Erath, High Point, NC
Dr. Robert A. Erbstein, Wexford, PA
Dr. Leo Esbin, Rockville Centre, NY
Mr. and Mrs. Earl A. Eskridge, Lawndale, NC
Ms. Sharon M. Esposito, Chapel Hill, NC
Mrs. Marcella Esterhay, Supply, NC
Mr. Mark Estrada, Durham, NC
Dr. Sue E. Estroff, Durham, NC
Ms. Mary Carlan Eubanks, Greensboro, NC
Dr. and Mrs. C. Allan Eure, Raleigh, NC
Mr. and Mrs. G. Marlin Evans, Greensboro, NC
Dr. John T. Evans, Chattanooga, TN
Mr. and Mrs. Malcolm Evans, Greensboro, NC
Mr. Walter K. Evans, Jr., Elizabethtown, NC
Ms. Audrey D. Evarts, Chapel Hill, NC
Dr. Beverly Everett, Ocala, FL
Dr. Catherine J. Everette, New Bern, NC
Mr. Ned P. Everett, Arlington, VA
Mrs. Willie B. Everett, Robersonville, NC
Mr. and Mrs. Kenneth B. Eves, Raleigh, NC
Mrs. Oscar R. Ewing, Chapel Hill, NC
Mr. Joe Exum, Kinston, NC
Dr. James Faber, Chapel Hill, NC
Factory Mutual Engineering Association, Charlotte, NC
Ms. Eileen M. Faehner, Raleigh, NC
Mr. and Mrs. William S. Fagg, High Point, NC
Mrs. Nancy B. Faircloth, Raleigh, NC
Fairmont Rural Fire Department, Fairmont, NC
Dr. and Mrs. David M. Fajgenbaum, Raleigh, NC
Mr. Eugene H. Falk, Chapel Hill, NC
Dr. Katherine H. Falk, Chapel Hill, NC
Dr. Ronald J. Falk, Chapel Hill, NC
Mr. W. D. Falk, Chapel Hill, NC
Family Auto Group, Durham, NC
Mr. Sherif Farag, Chapel Hill, NC
Mr. Barry Farber, New York, NY
Ms. Annie B. Farmer, Elm City, NC
Dr. Charles D. Farmer, Charlotte, NC
Mr. H. Thomas Farmer, Wilson, NC
Dr. Robert A. Farmer, Vacaville, CA
Farmville Jaycees, Farmville, NC
Dr. Harry Lawrence Farrell, Philadelphia, PA
Mrs. Eunice Delores Farrington, Chapel Hill, NC
Dr. John K. Farrington, High Point, NC
Ms. Ruth Farrior, Montreat, NC

Dr. Sefanit Fassil, Carrboro, NC
Mr. and Mrs. Dale D. Faulkner, Chapel Hill, NC
Mr. and Mrs. Gary Faulkner, Raleigh, NC
Mrs. J. E. Faulkner, Jr., Greensboro, NC
Mrs. Elizabeth M. Fawcett, Mount Airy, NC
Dr. Nancy Pritchett Fawcett, West Hollywood, FL
Fayetteville Jaycees, Inc., Fayetteville, NC
Dr. John A. Feagin, Jr., Durham, NC
Ms. Gail M. Fearing, Potomac, MD
Mr. and Mrs. Marshall M. Feaster, Jr., Lake Toxaway, NC
Ms. Sylvia L. Febles, N. Billerica, MA
Federal Paper Board Company, Inc., Riegelwood, NC
Dr. Mark Feldman, New York, NY
Ms. Barbara B. Felton, Elm City, NC
Ms. Yvonne Fenner, Durham, NC
Dr. Angela Ferebee, Norfolk, VA
Mrs. Howard Ferguson, Randleman, NC
Mr. J. Daniel Ferguson, Jr., Chapel Hill, NC
Dr. Gerald W. Fernald, Chapel Hill, NC
Mr. Bennie J. Ficklen, Charlotte, NC
Mr. Tom Field, Chapel Hill, NC
Mr. and Mrs. David E. Fields, Jr., Charleston, SC
Mr. and Mrs. Joe Dan Fields, Nashville, NC
Ms. Carolyn Filo, Raleigh, NC
The Brown F. Finch Foundation, Winston-Salem, NC
Dr. Bertram Carlos Finch, III, Charleston, SC
Ms. Nora Lynn Finch, Cary, NC
Ms. Leigh F. Fincke, Chapel Hill, NC
Dr. Gary Lee Fink, Faith, NC
Dr. Eli David Finkelstein, Edison, NJ
Mr. and Mrs. William Finkelstein, Greensboro, NC
Firefighter's Burned Children Fund, Charlotte, NC
First Church of the Nazarene, Durham, NC
The First Union Foundation, Charlotte, NC
Rabbi Frank A. Fischer, Chapel Hill, NC
Dr. Gary J. Fischer, Greensboro, NC
Dr. Michael B. Fischer, Glastonbury, CT
Dr. Newton D. Fischer, Chapel Hill, NC
Ms. Patricia B. Fischer, Williamston, NC
Mr. John I. Fishburne, Jr., Oklahoma City, OK
Dr. and Mrs. Delbert Fisher, Rolling Hills Est., CA
Ms. Dorcas A. Fisher, Autryville, NC
Mr. and Mrs. Edgar Fisher, Jr., Greensboro, NC
Dr. Otis Norwood Fisher, Jr., Greensboro, NC
Dr. Ellen B. Fitzgerald, Tulsa, OK
Dr. Robert Greeson Fitzgerald, Jr., Roxboro, NC
Mr. and Mrs. W. C. Fitzgerald, III, Raleigh, NC
***Flagler System, Inc., Palm Beach, FL**
Ms. Gail S. Fleagle, Greensboro, NC
Dr. Lawrence M. Fleishman, Charlotte, NC
Ms. Eula L. Fleming, Elm City, NC
Mr. and Mrs. George H. Fleming, Raleigh, NC
Mr. John D. Fleming, Smithfield, NC
Mr. and Mrs. William L. Fleming, Chapel Hill, NC
Dr. James R. Florini, Jamesville, NY
Dr. and Mrs. John E. Flournoy, Kinston, NC
Mrs. Doris L. Flower, Pittsboro, NC
Mrs. Janet L. Flowers, Durham, NC
Mr. and Mrs. Alexander Floyd, Raleigh, NC
Dr. M. Wayne Flye, St. Louis, MO
Flynt Fabrics & Finishing, Inc., Graham, NC
Mr. George A. Fogleman, Burlington, NC
Mr. and Mrs. Martin B. Foil, Jr., Concord, NC
Mr. Robert P. Foley, Chapel Hill, NC
Mrs. Suzanne R. Folger, Mt. Airy, NC
Dr. and Mrs. Paige B. Follo, Greensboro, NC
Dr. Frank B. Fondren, III., Mobile, AL
Mr. Charles Fooe, Bryson City, NC
Mr. Vance T. Forbes, Jr., Wilson, NC
Forbis & Dick Funeral Service, Inc., Greensboro, NC
Mr. and Mrs. James N. Ford, Chapel Hill, NC
Dr. Christopher C. Fordham, III, Chapel Hill, NC
Mr. and Mrs. Martin C. Fork, Raleigh, NC
***Mr. and Mrs. Henry A. Foscue, Estate of, High Point, NC**
Mrs. John N. Foster, Jr., High Point, NC
Dr. Sharon McGarry Foster, Raleigh, NC
The Foundation of Greater Greensboro, Greensboro, NC
Ms. Jane L. Fouraker, Wrightsville Beach, NC
Mrs. John M. Foushee, Chapel Hill, NC
Mr. Sammy C. Foushee, Clinton, NC
John Foust Advertising, Raleigh, NC
Mrs. J. D. Foust, Jr., Greensboro, NC
Dr. John W. Foust, Charlotte, NC
Mr. Carolyn P. Fowler, Durham, NC
Dr. Charles W. Fowler, III, Orlando, FL
Dr. Wesley C. Fowler, Jr., Chapel Hill, NC
Mr. William C. Fowler, Jr., Durham, NC
Dr. J. Thomas Fox, Jr., Charlotte, NC
Dr. John Birkhead Fox, Paradise Valley, AZ
Mr. Melvin J. Fox, Chapel Hill, NC
Dr. Richard Franklin Fox, Greensboro, NC
Mr. and Mrs. Charles E. Foxworth, Charlotte, NC
Dr. Jane Meschan Foy, Oak Ridge, NC
Mrs. Jacqueline J. Fraasa, Greensboro, NC
Dr. James T. Frakes, Rockford, IL
Mr. John L. Fraley, Cherryville, NC
Mr. and Mrs. David L. Francis, Waxhaw, NC
Mr. and Mrs. Bernard Frank, Long Beach, NY
Mr. and Mrs. William A. Frank, Greensboro, NC
Dr. and Mrs. Hugh Fraser, Jr., Greensboro, NC
Dr. Thomas Somjen Frazer, Wilkesboro, NC
Mr. K. Barry Frazier, Henderson, NC
Ms. Sara H. Frazier, Salisbury, NC
Mrs. Marjorie E. Frederick, Cuyahoga Falls, OH
Dr. Robert J. Freeark, Maywood, IL
Mr. and Mrs. Charles W. Freeman, Greensboro, NC
Mr. David C. Freeman, Hamlet, NC
Mr. and Mrs. George Freeman, High Point, NC
Dr. Richard McConnell Freeman, Opelika, AL
Dr. Frank S. French, Chapel Hill, NC
Mr. and Mrs. Baxter P. Freeze, High Point, NC
Dr. and Mrs. Jeffrey A. Frelinger, Chapel Hill, NC
Dr. John R. Frick, Chapel Hill, NC
Dr. and Mrs. Floyd A. Fried, Chapel Hill, NC
Dr. Marvin J. Friedenberg, Morongo Valley, CA
Dr. Ira Ray Friedlander, Chicago, IL
Dr. Patricia A. Friedman, Chapel Hill, NC
Mrs. Jacob H. Froelich, Sr., High Point, NC
Mr. and Mrs. David E. Frost, Chapel Hill, NC
Mr. Barry G. Frucht, Charlotte, NC
Mr. and Mrs. John A. Frye, Sandy Ridge, NC
Dr. Joseph C. Frye, Jr., Charlotte, NC
Dr. Charles B. Fulghum, Jr., Atlanta, GA
Dr. James Spencer Fulghum, III, Raleigh, NC
Dr. Mary Kirk Fulghum, Raleigh, NC
Dr. Catherine Gordon Fuller, Los Angeles, CA
Mrs. Dorothy B. Fuller, Kinston, NC
Ms. Elizabeth P. Fuller, New Bern, NC
Mr. and Mrs. W. E. Fuller, Jr., Greensboro, NC
Mr. William B. Fuller, Wilmington, NC
***The Fullerton Foundation, Inc., Gaffney, SC**
Mr. Leonard Fulton, Eden, NC
Mr. and Mrs. Joel Funderburk, Greensboro, NC
Mr. Harry L. Funk, Jr., Wilmington, NC
Dr. Richard W. Furlanetto, Pittsford, NY
Dr. Lee Anne Furlong, Portland, OR
Mr. Edward H. Furniss, Raleigh, NC
Dr. Carl A. Furr, Jr., Concord, NC
Dr. and Mrs. Eugene D. Furth, Greenville, NC
Dr. William Alexander Futch, Conyers, GA
Mr. and Mrs. Ashely Futrell, Jr., Washington, NC
Mr. and Mrs. J. R. Futrell, Jr., Rocky Mount, NC
Ms. Alice C. Gagnon, Durham, NC
Mr. Wade Gaines, Goldston, NC
Mr. and Mrs. W. G. Gaither, Jr., Elizabeth City, NC
Mrs. Vera Mae Gallon, Lexington, NC
Dr. William Hedrick Gamble, Greensboro, NC
Mrs. Sara Belk Gambrell, Charlotte, NC
Mr. Charles M. Gammon, Durham, NC
Dr. Walter R. Gammon, Chapel Hill, NC
Mr. and Mrs. William W. Gantt, Chapel Hill, NC
Dr. and Mrs. Ronald Garber, Greensboro, NC
Mr. and Mrs. Albert W. Gard, III, Durham, NC
Dr. Francis Sidney Gardner, Jr., Fayetteville, NC
Mr. and Mrs. W. Monroe Gardner, Warrenton, NC
Mr. and Mrs. Joseph M. Garfunkel, Chapel Hill, NC
Ms. Kay W. Gariepy, New Bern, NC
Mr. and Mrs. James B. Garland, Gastonia, NC
Mrs. Eva R. Garner, Fayetteville, NC
Mr. G. B. Garrett, Sr., Wilmington, NC
Mr. and Mrs. Kenneth G. Garrett, Raleigh, NC
Dr. J. Lynne Covington Garrison, Greenville, NC
***Mr. M. Lee Garrison, Charlotte, NC**
Ms. Mary H. Garrison, Carrboro, NC
Dr. Michael Stephen Garrison, Lexington, NC
Dr. R. Donald Garrison, Jacksonville, FL
Mrs. W. B. Garrison, Gastonia, NC
Mr. and Mrs. George W. Garriss, III, Pittsboro, NC
Dr. Benjamin Wesley Garrou, Valdese, NC
Mr. John A. Garside, Carrboro, NC
Dr. W. Blake Garside, Jr., Nashville, TN
Dr. and Mrs. Alfred Garvey, Greensboro, NC
Mr. and Mrs. William E. Garwood, Haddonfield, NJ
Mr. and Mrs. G. C. Gasperson, Raleigh, NC
Dr. Johnny Gaston, Fayetteville, NC
Gastroenterology Associates, P.A. Spartanburg, SC
Gate City Pharmacy, Greensboro, NC
The Gaul Orthopedic Group, P.A., Charlotte, NC
Dr. John Stuart Gaul, III, Charlotte, NC
***Dr. and Mrs. John Stuart Gaul, Jr., Charlotte, NC**
Ms. Molly Gavigan, Chapel Hill, NC
Dr. and Mrs. Robert Gay, Greensboro, NC
Ms. Frances J. Gaynor, High Point, NC
Dr. Kenneth Baxter Geddie, High Point, NC
Ms. Katherine B. Gefaell, Charlotte, NC
Ms. Margaret S. George, Macon, GA
Dr. Joseph J. Gerdes, Charlotte, NC
Ms. Jenny Ghirardelli, Durham, NC
Mrs. Betsy C. Gholson, Henderson, NC
Dr. James S. Gibbs, Winston-Salem, NC
Ms. Catherine P. Gibson, Durham, NC
Mr. Gordon M. Gibson, Atlantic Beach, NC
Dr. John McNeill Gibson, Davidson, NC
Dr. Robert Clayton Gibson, III, Portland, OR
Dr. William Stephen Gibson, Jr., Riverside, PA
Mr. and Mrs. Edward Gideon, Jr., Greensboro, NC
Mr. Federico G. Gil, Chapel Hill, NC
Mrs. Kathleen B. Gilbert, Durham, NC
Dr. M. Carlean Gilbert, Chapel Hill, NC
Ms. Gladys V. Gilbertson, Brooklyn, NY
Ms. Susan D. Gilbertson, Durham, NC
Mr. Marshall Gilchrist, Charlotte, NC
Mrs. Peter Spence Gilchrist, Charlotte, NC
Ms. Martha Giles, Carrboro, NC
Ms. Ruth E. Gillard, Walnut Creek, CA
Dr. C. F. Gilliam, Thomasville, NC
Mrs. Sandra Gilliam, Angier, NC
Mr. and Mrs. Sterling Gilliam, Oak Harbor, WA
***Gilmer-Smith Foundation, Mount Airy, NC**
Dr. and Mrs. Ronald Gioffre, Greensboro, NC
Dr. Guilio Giordano, Genoa, Italy
Dr. J. Christopher Glantz, Pittsford, NY
Mr. and Mrs. Thom. Glascock, III, Greensboro, NC
***Glaxo, Inc., Research Triangle Park, NC**
Ms. Jane M. Gleason, Cary, NC
Mr. David Gleim, Pittsboro, NC
Dr. James E. Glenn, Jacksonville, FL
Mrs. Louise Galloway Glenn, Winston-Salem, NC
Mr. and Mrs. Edward G. Glover, Charlotte, NC
Ms. Lucy Ann Glover, Wilmington, NC
Dr. R. Godbold, Asheville, NC
Ms. Alena West Godfrey, Spring Lake, NC
Dr. Paul A. Godley, Chapel Hill, NC
Dr. Harold Lacy Godwin, Fayetteville, NC
Dr. Hillard Gold, Miami Beach, FL
Dr. Terry Donald Golden, Atlanta, GA
Mr. and Mrs. Erwin Goldman, Greenboro, NC
Mr. and Mrs. Raymond Goldman, New Bern, NC
Ms. Vicki E. Goldrich, Virginia Beach, VA
Lawrence J. Goldrich Foundation, Virginia Beach, VA

***Goldsboro Jaycees, Goldsboro, NC**
Dr. Manning M. Goldsmith, Savannah, GA
Goldston's Beach, Inc., White Lake, NC
Dr. Alexander Fairley Goley, Burlington, NC
Mr. Meyer Gomer, Coconut Creek, FL
Mr. and Mrs. Louis P. Gonzalez, Chapel Hill, NC
Mr. Micky L. Gonzales, Pittsboro, NC
Mr. and Mrs. James R. Gooch, Chapel Hill, NC
Mr. David J. Goode, Charlotte, NC
Dr. Charles Christian Goodno, Morehead City, NC
***Drs. Joel S. and Ellen Goodwin, Salisbury, NC**
Goody's Manufacturing, Winston-Salem, NC
Mr. George W. Goolsby, Jr., Charlotte, NC
Mr. and Mrs. Sidney Gorden, Coconut Creek, FL
Mr. Arthur Gordon, Raleigh, NC
Mr. David L. Gordon, Atlanta, GA
Mr. Irvin H. Gordon, New York, NY
Mr. and Mrs. Paul J. Gordon, Scarsdale, NY
Mr. and Mrs. Carmer T. Gore, Greensboro, NC
Ms. Mary C. Gore, Chapel Hill, NC
Mr. Royal Gore, Whiteville, NC
Mr. Sam T. Gore, Whiteville, NC
Ms. Natalie S. Gould, Durham, NC
Mr. and Mrs. R. Craig Gourlay, Asheville, NC
Mr. Barry Goz, Chapel Hill, NC
Mr. N. Brooks Graebner, Charlotte, NC
Mr. Cole B. Graham, III, Chapel Hill, NC
Mr. D. C. Graham, Sanford, NC
Dr. John B. Graham, Chapel Hill, NC
Dr. John C. Graham, Jr., Elizabeth City, NC
Mr. Mark L. Graham, Durham, NC
***Mr. and Mrs. S. Page Graham, Chapel Hill, NC**
Dr. Lochrane Grant, Del Mar, CA
Mr. and Mrs. C. S. Graves, Jr., Washington, NC
Mr. and Mrs. Edwin Holt Graves, Jacksonville, FL
Mr. and Mrs. C. D. Gray, III, Gastonia, NC
Dr. Cyrus Leighton Gray, III., Tampa, FL
Dr. Frank Benton Gray, Knoxville, TN
Mrs. J. Michael Gray, Concord, NC
Ms. Joyce M. Gray, Rutherfordton, NC
Mr. and Mrs. Robert W. Gray, Asheville, NC
Grays Creek Women's Club, Fayetteville, NC
Greater Dunn Jaycees, Dunn, NC
Greater Erwin Jaycees, Erwin, NC
Dr. Francis W. Green, Albemarle, NC
Mr. James J. Green, Jr., Raleigh, NC
Dr. and Mrs. Robert L. Green,
Winston-Salem, NC
Ms. Sophie G. Green, Raleigh, NC
Dr. Stephen Lloyd Green, Newport News, VA
Mr. and Mrs. Jack Greenberg, Greensboro, NC
Greene County Jaycees, Snow Hill, NC
Mr. Edward I. Greene, Asheville, NC
Mrs. Ernest L. Greene, Durham, NC
Dr. Sandra B. Greene, Chapel Hill, NC
Dr. Walter B. Greene, Chapel Hill, NC
Admiral and Mrs. William M. A. Greene,
Morehead City, NC
Greensboro Jaycees, Greensboro, NC
Dr. Richard H. Greenspan, New Haven, CT
Greenville Jaycees, Greenville, NC
Mr. and Mrs. Douglas D. Greenwood,
Emerald Isle, NC
Dr. James Brooks Greenwood, Jr., Charlotte, NC
Mrs. F. H. Gregory, Jr., Weldon, NC
Ms. Joan Gregory, Greensboro, NC
Mr. Seabrook W. Gregory, Shawboro, NC
Mr. and Mrs. Thomas R. Gregory, Charlotte, NC
Mrs. Marcella Grendler, Chapel Hill, NC
Mr. and Mrs. Lawton Gresham, Greensboro, NC
Dr. and Mrs. Robert S. Grew, Raleigh, NC
Dr. Ormon Drew Grice, New Bern, NC
Dr. John Calvin Grier, Jr., Pinehurst, NC
Mr. and Mrs. Joseph Grier, Jr., Charlotte, NC
Mr. and Mrs. Britt D. Griffin, Kinston, NC
Dr. Clarence A. Griffin, Longmont, CO
Mr. George C. Griffin, Williamston, NC
Dr. Joseph Waldo Griffin, Jr., Augusta, GA
Mr. and Mrs. Leon Earl Griffin, Williamston, NC
Dr. Marion W. Griffin, Asheboro, NC
Dr. Robert Griffin, Asheville, NC
Mr. S. C. Griffin, Williamston, NC
Dr. and Mrs. Tommy B. Griffin, Spartanburg, SC
Mrs. Margaret H. Griffiths, Sanford, NC
Grifton Jaycees, Grifton, NC
Dr. Wendell Randolph J. Grigg, Chapel Hill, NC
Mr. and Mrs. R. M. Griggs, Lexington, NC
Dr. Thomas Russell Griggs, Hillsborough, NC
Dr. George Talmadge Grigsby, Jr., Las Vegas, NV
Dr. David A. Grimes, Las Angeles, CA
Ms. Sarah H. Grine, Wilson, NC
Dr. and Mrs. Joe W. Grisham, Chapel Hill, NC
Mr. and Mrs. Marvin Grogan, Reidsville, NC
Dr. James D. Groseclose, Randleman, NC
Dr. Kirsten Marie Gross, Charlotte, NC
Mr. Frank Grossman, Richmond, VA
Mr. Steven Grossman, Chapel Hill, NC
Dr. Robert Lee Grubb, Jr., St Louis, MO
Dr. Melvin M. Grumbach, San Franciso, CA
Mrs. Claudia Gualtieri, Chapel Hill, NC
Dr. Harry A. Guess, Chapel Hill, NC
Guilford County Fire Protective Association,
Greensboro, NC
Guilford Memorial Park, Greensboro, NC
Dr. and Mrs. C. Thomas Guiltieri, Chapel Hill, NC
Dr. Patrick Guiteras, Chapel Hill, NC
Mr. Robert P. Guizzetti, Chapel Hill, NC
Mr. and Mrs. Howard L. Guld, Raleigh, NC
Ms. C. Brooks Gulledge, Raleigh, NC
Ms. Marcia Gumpertz, Raleigh, NC
Mr. Gerald H. Gunson, Carrboro, NC
Dr. and Mrs. June U. Gunter, Durham, NC
Ms. Anne B. Gurganus, Williamston, NC
Mr. and Mrs. Willliam Gurganus, Virginia Beach, VA
Mr. and Mrs. William W. Guthridge, Chapel Hill, NC
Mr. and Mrs. Paul R. Guthrie, Trinity, NC
Mr. and Mrs. Alan Gutschmit, Troy, NC
Dr. and Mrs. Bernard Gutterman,
Greensboro, NC
Dr. David D. Gutterman, Iowa City, IA
Dr. Harvey Guyda, Montreal Quebec, Canada
Dr. Henry Calvin Guynes, Jr., Rockwall, TX
Ms. Anne R. Gwaltney, Oriental, NC
Dr. Frank Winston Gwathmey, Norfolk, VA
Mrs. Charles A. Gwin, Graham, NC
Ms. Harriet B. Habel, Raleigh, NC
Mr. and Mrs. Mark S. Haber, Sanford, NC
Mr. and Mrs. Thomas R. Haber, Chapel Hill, NC
Dr. Carol Hedden Hackett, Mercer Island, WA
Dr. Raymond Allen Hackett, Wayzata, MN
Mr. Ernest D. Hackney, Wilson, NC
Mrs. Margaret Hackney, Washington, NC
Dr. Nortin M. Hadler, Chapel Hill, NC
Mr. J. Milton Hadley, Reidsville, NC
Mr. Jon E. Haebig, Chapel Hill, NC
Dr. Sandra K. Haigler, Lexington, KY
Mr. and Mrs. Waldo E. Haisley, Chapel Hill, NC
Dr. Thomas Matthews Haizlip, Raleigh, NC
Mrs. Robbie Hale, Hope Mills, NC
Dr. Robert Vernon Hale, Chapel Hill, NC
The Haley Foundation, Inc., Greensboro, NC
Dr. Leigh C. Haley, Iowa City, IA
Ms. Andrew F. Hall, Chapel Hill, NC
Mrs. Frances H. Hall, Raleigh, NC
Dr. James B. Hall, Charlotte, NC
Dr. James Grayson Hall, Mount Airy, NC
Ms. Josie Hall, Raleigh, NC
Mr. Lawrence Hall, Advance, NC
Dr. Susan H. Hall, Chapel Hill, NC
Ms. Virginia Flora Hall, Elizabeth City, NC
Mr. Michael Hallasy, Durham, NC
Dr.Kimberly Stone Haltiwanger, Baltimore, MD
Ms. Edith G. Hamilton, Charlotte, NC
Mr. Howard Hamilton, Godwin, NC
Ms. Minnie L. Hamilton, Rockingham, NC
Mr. and Mrs. Joseph M. Hamilton, Lebanon, KY
Mr. and Mrs. William Hamilton, Greensboro, NC
Mr. George E. Hammer, Charlotte, NC
Dr. Alfred Franklin Hammond, Jr., New Bern, NC
Dr. Mary G. Hammond, Chapel Hill, NC
Hampton Industries, Inc., Kinston, NC
Dr. Alger Vason Hamrick, III, Raleigh, NC
Dr. Frederick Delmar Hamrick, III, Lynchburg, VA
Mrs. Grace Hamrick, Shelby, NC
Dr. Harvey J. Hamrick, Chapel Hill, NC
Ms. Patricia W. Hamrick and Co-Workers,
Garner, NC
Mr. and Mrs. Rush Hamrick, Jr., Shelby, NC
Dr. Victor Han, London, Ontario
Mr. and Mrs. F. Willis Hancock, III, Oxford, NC
Dr. William Franklin Hancock, Jr., Burlington, NC
Mr. and Mrs. L. A. Hangen, Sanford, NC
Mr. and Mrs. Ellis Hankins, Raleigh, NC
Mr. and Mrs. Scott R. Hanner, Raleigh, NC
Dr. William Boyd Harden, Bluefield, WV
Dr. Susan J. Hardesty, Mount Pleasant, SC
Mr. and Mrs. E. H. Hardison, Charlotte, NC
Mr. and Mrs. James A. Hardison, Jr., Wadesboro, NC
Dr. Lewis Benjamin Hardison, Fayetteville, NC
Mr. Marriner D. Hardison, New Bern, NC
Mr. and Mrs. Harry V. Hardy, Beaufort, NC
Dr. and Mrs. Ira M. Hardy, II, Greenville, NC
Dr. James Joseph Hardy, Charlotte, NC
Mr. and Mrs. Thomas Hardy, Jr., Farmville, NC
Mr. and Mrs. W. O. Hargett, Avondale Estates, GA
Dr. Alfred Leon Harkley, Greenville, NC
Dr. Steve D. Harlan, Hickory, NC
Mr. and Mrs. J. E. Harley, III, New Bern, NC
Dr. Herbert S. Harned, Jr., Chapel Hill, NC
Mr. and Mrs. John Harney, Charlotte, NC
Harper Trucking Co., Inc., Raleigh, NC
Dr. David Keith Harper, Concord, NC
Dr. and Mrs. James R. Harper, Durham, NC
Mr. and Mrs. James Harper, Jr., Southport, NC
Dr. Matt Cleveland Harper, Jr., Kinston, NC
Dr. L. Clayton Harrell, III, Charlotte, NC
Mrs. R.C. Harrell, Trinity, NC
Mr. J. M. Harrington, Washington, NC
Mr. Wiley Harrington, Rockingham, NC
Ms. Bebe Harris, Durham, NC
Mr. and Mrs. Cameron H. Harris, Charlotte, NC
Dr. Cedric T. Harris, Birmingham, AL
Mr. and Mrs. David W. Harris, Charlotte, NC
Dr. and Mrs. E. Flynn Harris, Charlotte, NC
Dr. H. William Harris, Garden City, NY
Mr. and Mrs. Larry W. Harris, Raleigh, NC
Mr. and Mrs. Larry W. Harris, Jr., Raleigh, NC
Mr. Marcia G. Harris, Plymouth, MN
Mr. Rodger S. Harris, Chapel Hill, NC
Ms. Susan C. Harris, Raleigh, NC
Mr. Nathaniel Thomas Harris, Jr., Burlington, NC
Dr. W. Randall Harris, IV., Charlotte, NC
Mr. and Mrs. Thomas G. Harris, Jr., Chapel Hill, NC
Dr. Tyndall Peacock Harris, Chapel Hill, NC
Mr. J. Frank Harrison, III, Charlotte, NC
Ms. Katherin G. Harrison, Chapel Hill, NC
Mr. and Mrs. Robert E. Harrison, Charlotte, NC
Dr. Timothy S. Harrison, Lebanon, PA
Mr. and Mrs. W.G. Harrison, III, Virginia Beach, VA
Mr. and Mrs. Wm. Harrison, Jr., Durham, NC
Harrison-Wright Co. Inc., Charlotte, NC
Mr. and Mrs. Robert Harriss, Chapel Hill, NC
Ms. Christine M. Hart, Wooster, OH
Mr. and Mrs. J. Albert Hart, High Point, NC
Ms. Jennepher N. Hart, Carrboro, NC
Dr. Oliver James Hart, Jr., Winston-Salem, NC
Dr. H. Gerard Hartzog, III, Raleigh, NC
Mrs. Margaret B. Harvey, Kinston, NC
Mrs. Jessie Rose Harvin, Henderson, NC
Mr. Joseph J. Harwell, Carrboro, NC
Dr. Edward W. Haselden, Jr., Columbia, SC
Mr. Douglas B. Hasen, Pittsboro, NC
Mr. and Mrs. Martin Hatcher, Greensboro, NC
Hathaway Properties, Ltd., Raleigh, NC
Dr. Alexander Clovis Hattaway, III, Raleigh, NC
Mr. and Mrs. Garrie B. Haulenbeck, Oriental, NC
Mr. and Mrs. Raymond C. Hausch, Carrboro, NC

Dr. Anne Colclough Hawes, Charlotte, NC
Dr. Mary Linda Hawes, Rocky Mount, NC
Dr. Stephen James Hawes, Jr., Charlotte, NC
Mr. Carrol W. Hawkins, Cove City, NC
Mr. J.E. Hawkins, Chapel Hill, NC
Dr. Stephen Smith Hawkins, Chattanooga, TN
Mr. and Mrs. Byron Haworth, High Point, NC
Mr. Edward C. Hay, Wilmington, NC
Mr. Wilburn Hayden, Jr., Cullowhee, NC
Ms. Anna Hayes, Hillsborough, NC
Dr. Bennett A. Hayes, Jr., Fayetteville, NC
Mr. and Mrs. Charles A. Hayes, Greensboro, NC
Mrs. Chester Hayes, Washington, NC
Dr. James W. Hayes, III, Burlington, NC
Mr. and Mrs. Kyle Hayes, Wilkesboro, NC
Dr. Louis De Maro Hayman, Jr., Beaufort, NC
Dr. Carl Lewis Haynes, Jr., Kinston, NC
Mr. Roscoe Haynes, Cerro Gordo, NC
Ms. Mary A. Haynie, North Little Rock, AR
Dr. Glenn B. Hays, Ft. Myers, FL
Mr. and Mrs. Richard Haywood, Raleigh, NC
Dr. Ray Milton Hayworth, Knoxville, TN
***Healthdyne, Inc., Marietta, GA**
Health Education Fnd. of Eastern NC, Inc., Rocky Mount, NC
Health Effects Institute, Cambridge, MA
Heart of Wilson Jaycees, Wilson, NC
Dr. Gordon Read Heath, Lakeland, FL
Mr. and Mrs. T. W. Heath, Jr., Kinston, NC
Ms. Lois C. Heatherly, Jacksonville, NC
Dr. Edward McGowan Hedgpeth, Jr., Durham, NC
Ms. Doris H. Heerick, Carroboro, NC
Mr. Kenny D. Hefner, Conover, NC
Dr. R. Phillip Heine, Burlington, NC
Mr. and Mrs. James Edward Heins, Sanford, NC
Mr. and Mrs. John Heise, Jr., Bethesda, MD
Dr. Eric Haigler Helsabeck, Asheboro, NC
Dr. Mark Alan Helvie, Ann Arbor, MI
Mr. and Mrs. John M. Henderlite, Jr., Salisbury, NC
Henderson, Collins, and Muir, Raleigh, NC
Henderson Jaycees, Henderson, NC
Dr. G. Patrick Henderson, Jr., Southern Pines, NC
Dr. Hoke Frederick Henderson, Jr., Columbia, SC
Ms. Lillie Henderson, Wallace, NC
Ms. Martha L. Henderson, Chapel Hill, NC
Dr. Richard R. Henderson, Burlington, NC
Hendersonville Jaycees, Arden, NC
Mr. James Hendricks, Carrboro, NC
Mr. and Mrs. Sanford Henick, Greensboro, NC
Dr. David C. Henke, Chapel Hill, NC
Dr. Thomas F. Henley, New York, NY
Mr. and Mrs. George F. Henry, Jr., Gastonia, NC
Mr. Robert Henry, Cary, NC
Dr. and Mrs. Gary Mayes Henschen, Greensboro, NC
Ms. Bonnie K. Hensley, Chapel Hill, NC
Mr. and Mrs. Perry Henson, Sr., Greensboro, NC
Dr. and Mrs. William N. P. Herbert, Chapel Hill, NC
Mr. and Mrs. Robert Herford, Henderson, NC
Dr. John C. Herion, Chapel Hill, NC
Dr. Kevin J. Herlihy, Glens Falls, NY
Dr. Bruce Elliott Herman, Salt Lake City, UT
Dr. Leon W. Herndon, Jr., Chapel Hill, NC
Mr. and Mrs. William M. Herndon, Kings Mountain, NC
Dr. William Mauney Herndon, Jr., Charlotte, NC
Dr. Robert Alexander Herrin, Charlotte, NC
Dr. William B. Herring, Greensboro, NC
Mr. Williard-Bud Herring, Goldsboro, NC
Dr. Robert Herrington, Rutherfordton, NC
Mr. S. A. Herron, Charlotte, NC
Dr. Xavier F. Hertle, Greensboro, NC
Mr. and Mrs. William Hervey, Greensboro, NC
***The Carl J. Herzog Foundation, Inc., Stamford, CT**
***Mr. and Mrs. L. B. Hester, Jr., Sanford, NC**
Mrs. Phillip Hettleman, New York, NY
Mr. Phillip Hettleman, Jr., San Diego, CA
Mr. Joe A. Hewitt, Durham, NC
Mr. Harry D. Heyboer, Chapel Hill, NC
Dr. Edwin Peelle Hiatt, Wilmington, OH
Hickory Jaycees, Inc., Hickory, NC
Dr. Charles Montgomery Hicks, Wilmington, NC
Mr. Paul C. Hicks, Chapel Hill, NC
Ms. Robin P. B. Hicks, Durham, NC
Mr. and Mrs. Thomas W. Hicks, Chapel Hill, NC
Mr. and Mrs. Floyd Higby, Jr., Westport, CT
Mr. and Mrs. James D. Higdon, Bardstown, KY
Mr. and Mrs. John Higgins, Jr., Fuquay-Varina, NC
High Point Jaycees, High Point, NC
High Point Regional Hospital, High Point, NC
Dr. Frank S. Highley, Charlotte, NC
Ms. Brownie R. Highsmith, Robersonville, NC
Ms. Alleavious Hill, Raleigh, NC
Mr. Arnold W. Hill, Pleasant Garden, NC
Mr. and Mrs. George Watts Hill, Sr., Chapel Hill, NC
Dr. James Carver Hill, Cary, NC
Ms. Kathleen G. Hill, Chapel Hill, NC
Ms. Minnie Edith Hill, Asheboro, NC
Dr. Paula Adams Hillard, Cincinnati, OH
Mr. Palmer L. Hilliard, Kittrell, NC
Dr. Howard Thomas Hinshaw, Charlotte, NC
Mr. and Mrs. A.S. Hinton, Wake Forest, NC
Mr. and Mrs. William J. Hinton, Gatesville, NC
Mrs. Jean A. Hipps, Greensboro, NC
Dr. and Mrs. Philip F. Hirsch, Chapel Hill, NC
Dr. George Hitchings and Dr. Joyce Shavers, Chapel Hill, NC
Anna Ho Inc., Durham, NC
Ms. Rose Ann Hobbs, Forst Worth, TX
Mrs. Sandra K. Hobbs, Chapel Hill, NC
Mr. A. L. Hobgood, III, Kinston, NC
Mr. and Mrs. A. L. Hobgood, Jr., Smithfield, NC
The Hon. and Mrs. Hamilton Hobgood, Louisburg, NC
Mr. Godfrey M. Hochbaum, Chapel Hill, NC
Dr. Rona Elsberth Hodge, Kansas City, MO
Mr. J. Arendell Hodges, Kinston, NC
Ms. Mary Hawes Hodges, Kinston, NC
Mr. and Mrs. Ralph E. Hodgson, Chapel Hill, NC
Mr. and Mrs. Walter R. Hoff, Sunset Beach, NC
Hoffman-La Roche, Inc., Nutley, NJ
Dr. and Mrs. Byron J. Hoffman, Jr., Siler City, NC
Mr. and Mrs. James S. Hoffman, Raleigh, NC
Dr. Ted Hoffman, Durham, NC
Mr. B.A. Hoft, Inc., Raleigh, NC
Ms. Virginia P. Hogan, Rockingham, NC
Mr. and Mrs. R. N. Hoggard, Ahoskie, NC
Mr. and Mrs. J. R. Holden, Jacksonville, NC
Mr. and Mrs. Howard Holderness, Greensboro, NC
Ms. Nancy B. Holderness, Tarboro, NC
Mr. and Mrs. Richard Holderness, Greensboro, NC
Mr. Thomas P. Holderness, Washington, DC
Dr. and Mrs. James Patrick Holland, Winston-Salem, NC
Ms. Louise Price Holland, Chapel Hill, NC
Dr. and Mrs. Walter Hollander, Jr., Chapel Hill, NC
Holland's Methodist Church, Raleigh, NC
Mr. M. E. Holleman, Chapel Hill, NC
Ms. Emily Holmes, Roanoke Rapids, NC
Mr. G. T. Holmes, Pinehurst, NC
Mr. and Mrs. James E. Holmes, III, Winston-Salem, NC
Mr. and Mrs. Steven P. Holmes, Wake Forest, NC
Mr. Robert Holmgren, Pittsboro, NC
Mr. Derrick N. Holt, Charlotte, NC
Dr. J. Williams Holt, III, Greenville, SC
Mr. and Mrs. Walter A. Holt, Raleigh, NC
Holy Trinity Lutheran Church, Chapel Hill, NC
Dr. Howard David Homesley, Winston-Salem, NC
Dr. and Mrs. L. Fuller Honeycutt, Jr., Raleigh, NC
Mr. and Mrs. R. L. Honeycutt, Jr., Greenville, NC
Mr. Ralph S. Honeycutt, Raleigh, NC
Mr. H. Brian Hood, Homestead, FL
Ms. Cora Y. Hooks, Fremont, NC
Dr. William Borden Hooks, Jr., Mt Airy, NC
Mr. and Mrs. William R. Hooks, Chapel Hill, NC
Dr. Lawrence Hoskins Hooper, Jr., El Paso, TX
Dr. Robert Hooper, Rocky Mount, NC
Dr. Charles Henry Hoover, III, Monroe, NC
Hope Mills Jaycees, Hope Mills, NC
Mr. C. C. Hope, Jr., Charlotte, NC
Ms. Angela M. Hopkins, Chapel Hill, NC
Mr. and Mrs. W. Hopper, Greensboro, NC
Dr. William Baker Horn, Boone, NC
Ms. Anne E. Horner, New Bern, NC
Ms. Louise M. Horner, Chapel Hill, NC
Mr. and Mrs. David Horney, High Point, NC
Mr. and Mrs. Jeff Horney, High Point, NC
Ms. Lynda S. Horney, Raleigh, NC
Ms. Sylvia Hornik, Coconut Creek, FL
Dr. and Mrs. Allen Hornthal, Edenton, NC
Mr. and Mrs. Coy J. Horton, Burlington, NC
Ms. Josephine C. Horton, Wilmington, NC
Mr. Ben B. Hoskins, Chapel Hill, NC
Mr. and Mrs. F. B. Houck, Charlotte, NC
Mr. and Mrs. Mark G. Hounshell, Raleigh, NC
Ms. Nolie House, Salemburg, NC
Mr. and Mrs. John C. Houser, Gastonia, NC
Mrs. Cornell C. Houston, Cambridge, MD
Dr. and Mrs. Frank Houston, Greensboro, NC
Dr. Mary Bennett Houston, Chapel Hill, NC
D. S. Howard & Associates, Inc., Chicago, IL
Mr. Daniel Howard, Pink Hill, NC
Mrs. Eleanor Bass Howard, Tarboro, NC
Ms. Elizabeth B. Howard, Fuquay-Varina, NC
Ms. Tamara Howard, Chapel Hill, NC
Dr. Donald Douglas Howe, Gastonia, NC
Dr. James Harden Howell, III, Wenatchee, WA
Dr. N. Neil Howell, Charlotte, NC
Dr. John Sandall Howie, Raleigh, NC
Mr. William M. Hoyle, Durham, NC
Dr. Eileen C. Hoyt, Chapel Hill, NC
Dr. Sara L. Hoyt, Rome, GA
Mr. and Mrs. Edwin A. Hubbard, Sanford, NC
Dr. Hampton Hubbard, Clinton, NC
Mr. Robert M. Hubbard, Charlotte, NC
Dr. William Colvin Hubbard, Raleigh, NC
Mr. and Mrs. Frank W. Hudgins, Jr., Manteo, NC
Dr. James J. Hudock, Kinston, NC
Mr. John S. Hudson, Jr., New Bern, NC
Dr. Richard W. Hudson, Bayboro, NC
Mr. and Mrs. Dalford Huff, Greensboro, NC
Dr. William D. Huffines, Chapel Hill, NC
Dr. Allen William Huffman, Jr., Hickory, NC
Dr. Stanton Vance Huffman, Elon College, NC
Mr. and Mrs. James Huffstetler, Charlotte, NC
Mr. and Mrs. Robert V. Hughes, Raleigh, NC
Dr. Gregory Fabian Hulka, Chapel Hill, NC
Mr. and Mrs. Hubert Humphrey, Greensboro, NC
Dr. James D. Hundley, Wilmington, NC
Dr. J. B. Huneycutt, Lake Wylie, SC
Mr. and Mrs. Carl L. Hunike, Jr., Durham, NC
Mr. Fred E. Hunneke, Kinston, NC
Mr. and Mrs. Daniel K. Hunt, Chapel Hill, NC
Dr. J. Ronald Hunt, Columbus, GA
Mr. Bradford Hunter, Charlotte, NC
Mr. and Mrs. Edwin Hunter, Statesville, NC
Mr. and Mrs. Ralph B. Hunter, Broadway, NC
Mrs. Ruby K. Hunter, Asheboro, NC
Dr. Thomas Titus Hunter, Swansboro, NC
Mr. and Mrs. H. Brill Huntley, Wadesboro, NC
Mr. Melvin S. Hurston, Chapel Hill, NC
Dr. Joe Paul Hurt, Sylva, NC
Mr. and Mrs. James W. Hutcherson, Ahoskie, NC
Dr. William Franklin Hutson, Northbrook, IL
Ms. Debbie Hyatt, Chapel Hill, NC
Ms. Marilyn Hyman, Douglaston, NY
IBM Corporation, Research Triangle Pk, NC
Mr. James Iglio, Raleigh, NC
Dr. Lynn David Ikenberry, Chapel Hill, NC
Mr. and Mrs. T. Carey Ilderton, High Point, NC
Individualized Nursing Care, LTD, Durham, NC
Infinet, Inc,. Durham, NC
Ingram-Davis, Inc., Wadesboro, NC
Dr. and Mrs. Hal Ingram, High Point, NC
Ms. Shelley S. Ingram, Durham, NC

Mr. Nezar Ipock, New Bern, NC
Dr. Edward K. Isbey, III, Asheville, NC
Dr. Jane Lysko Isbey, Asheville, NC
Mr. Michael Isley, Carrboro, NC
Mr. and Mrs. Millard G. Isley, Marshville, NC
Ms. Pamela Jewett Isley, Bonita Springs, FL
Dr. William Luther Isley, Overland Park, KS
Dr. Harold N. Jacklin, Greensboro, NC
Mr. and Mrs. A. L. Jackson, Jr., Montgomery, AL
Mr. and Mrs. David R. Jackson, Greensboro, NC
Mr. E. Eugene Jackson, Chapel Hill, NC
Dr. F. Daniel Jackson, Cumberland, MD
Dr. and Mrs. F. Randolph Jackson, Greensboro, NC
Mr. Harold L. Jackson, Asheboro, NC
Dr. Linda Hall Jackson, Arden, NC
Ms. Marie E. Jackson, Fayetteville, NC
Mrs. Norma Jean Jackson, Clinton, NC
Dr. R. Bruce Jackson, II, Boone, NC
Jacksonville Jaycees, Jacksonville, NC
Mrs. Mable Jacobs, Bolton, NC
Mr. and Mrs. Morris M. Jacobs, Greensboro, NC
Dr. Mark Warner Jacokes, Nashville, TN
Mr. Monic Jain, Chapel Hill, NC
Dr. Alton Everette James, Jr., Nashville, TN
Dr. Ali Jarrahi, Winston-Salem, NC
Jefferson Pilot Communications, Charlotte, NC
Jefferson-Pilot Insurance Company, Greensboro, NC
Mr. Denoral Jefferson, Henderson, NC
Mr. Brent S. Jenkins, Chapel Hill, NC
Mr. Damon W. Jenkins, Rockingham, NC
Dr. Daniel G. Jenkins, Williamsburg, VA
Dr. James Jay Jenkins, Saint Louis, MO
Dr. and Mrs. Joseph M. Jenkins, Washington, NC
Mr. and Mrs. J. W. Jenkins, Jr., Henderson, NC
Mr. and Mrs. Lee Jenkins, Kinston, NC
Dr. Samuel G. Jenkins, Jr., Elizabeth City, NC
Mr. and Mrs. Steve C. Jenkins, Raleigh, NC
Mr. Timothy O. Jenkins, Concord, NC
Dr. J. Charles Jennette, Chapel Hill, NC
Mr. and Mrs. Maurice Jennings, Greensboro, NC
Mr. Lewis Glenn Jernigan, Faison, NC
Mr. and Mrs. John C. Jester, Greensboro, NC
Ms. Margaret B. Jetter, Chapel Hill, NC
Mr. and Mrs. Daniel A. Jewell, Chapel Hill, NC
Dr. Timothy D. Johanson, Eden Praire, MN
Reverend and Mrs. Paul S. Johansson, Manchester, CT
Mr. and Mrs. Charles H. Johnson, III, Mt. Airy, NC
Dr. Dennis Robert Johnson, York, PA
Ms. Elizabeth B. Johnson, Chapel Hill, NC
Mr. and Mrs. Frank H. Johnson, Swansboro, NC
Dr. George Johnson, Jr., Chapel Hill, NC
Mr. and Mrs. Hugh H. Johnson, Siler City, NC
Ms. Lauren Johnson, Chapel Hill, NC
Mr. and Mrs. Loran Johnson, Jr., Wilmington, NC
Dr. Margaret Gould Johnson, Chapel Hill, NC
Ms. Minnie L. Johnson, Garner, NC
Mr. Neal Johnson, Moorpark, CA
Mr. and Mrs. Philip L. Johnson, Greensboro, NC
Col. Richard S. Johnson, New Bern, NC
Mrs. Robin C. Johnson, Durham, NC
Mr. and Mrs. S. F. Johnson, Greensboro, NC
Mrs. T. Sidney Johnson, Durham, NC
Mr. and Mrs. Wesley Johnson, Swansboro, NC
Johnston County Jaycees, Raleigh, NC
Dr. Harvey W. Johnston, Charlotte, NC
Dr. John Gardner Johnston, Charlotte, NC
Mr. Joseph F. Johnston, North Augusta, SC
Dr. R. Eugene Johnston, Chapel Hill, NC
Dr. William Oscar Jolly, III, Albemarle, NC
Jones and Associates, Huntington, WV
Ms. Alice D. Jones, Asheboro, NC
Mr. and Mrs. Alvin A. Jones, Charlotte, NC
Dr. and Mrs. Colin D. Jones, Winton, NC
Ms. Diane B. Jones, Carrboro, NC
Dr. F. Douglas Jones, Greenville, NC
Mr. and Mrs. H. Eckess Jones, Jr., Greensboro, NC
Dr. Kim Richard Jones, Chapel Hill, NC
Mrs. Kimberly Novak Jones, Durham, NC

Graduates Amy Robbins-Cooley and Richard Brostrom

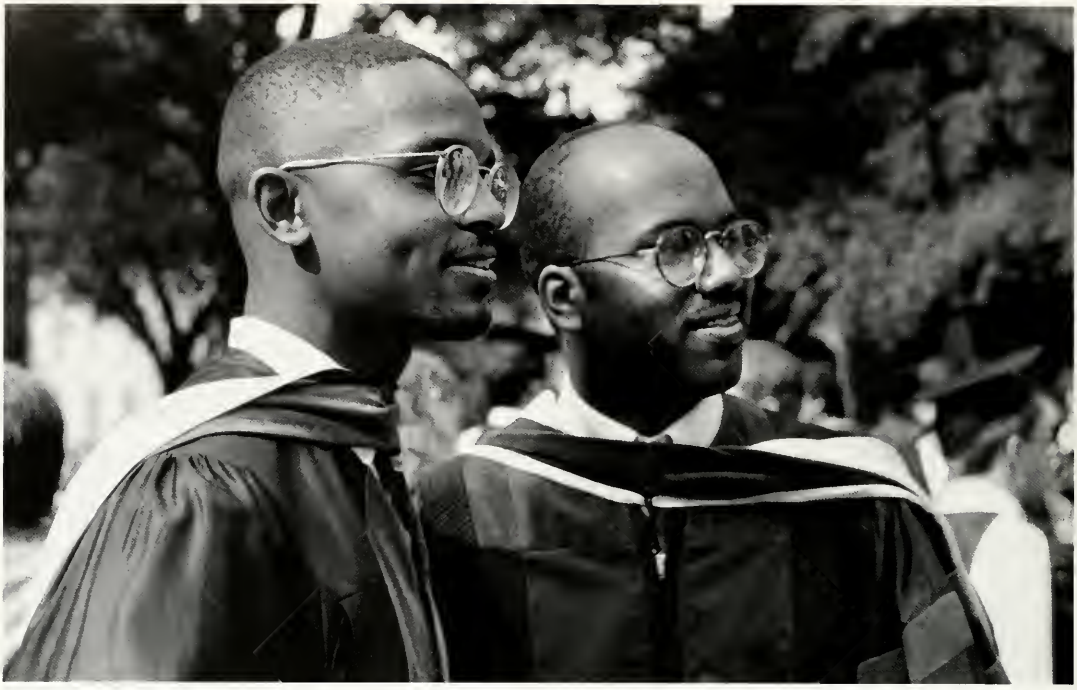
Dr. Mary Ellen Jones, Chapel Hill, NC
Dr. Morris A. Jones, Jr., Durham, NC
Dr. Roger W. Jones, Williamsburg, VA
Mr. Samuel W. Jones, Jacksonville, NC
Mr. Thomas L. Jones, Goldsboro, NC
Mr. W. D. Jones, Jr., Raleigh, NC
Mr. Warren J. Jones, Macon, GA
Mr. and Mrs. William S. Jones, Greensboro, NC
Ms. Barbara Jackson Jordan, Elm City, NC
Dr. George Lyman Jordan, Jr., Houston, TX
Mr. and Mrs. Joseph Jordan, Jr., Raleigh, NC
Dr. Linda E. Jordan, Chapel Hill, NC
Dr. Richard Dorn Jordan, Salisbury, NC
Dr. Robert C. Jordan, Jr., Sanford, NC
Mr. Stuart H. Jordan, Fayetteville, NC
Mr. and Mrs. Thomas M. Jordan, Charlottesville, VA
Dr. Weldon Huske Jordan, Jr., Davis, CA
Dr. Joseph L. Jorizzo, Winston-Salem, NC
Dr. Michael C. Joseph, Durham, NC
Dr. Benjamin H. Josephson, Basking Ridge, NJ
Mr. and Mrs. James A. Joyner, Raleigh, NC
Dr. and Mrs. Samuel Joyner, Greensboro, NC
Mrs. W. K. Joyner, Raleigh, NC
Dr. Walton K. Joyner, Jr., Raleigh, NC
Dr. William Stafford Joyner, Chapel Hill, NC
Judea Reform Congregation, Durham, NC
Mr. and Mrs. I. B. Julian, Fayetteville, NC
Mrs. Maurice Julian, Chapel Hill, NC
Junior League of Wilmington NC, Wilmington, NC
Ms. Bella B. Jurkowitz, Chapel Hill, NC
Mrs. Thomas Ray Kagarise, Chapel Hill, NC
Dr. Julia Kelly Kahler, Chapel Hill, NC
Mr. Stephen G. Kahler, Chapel Hill, NC
Mr. and Mrs. David W. Kahn, Carrboro, NC
Kaiser Permanente, Pasadena, CA
Mr. James C. Kallam, Stoneville, NC
Dr. George A. Kallianos, Atlanta, GA
Mr. and Mrs. Arnold D. Kaluzny, Chapel Hill, NC
Dr. and Mrs. Kenneth S. Karb, Greensboro, NC
Ms. Sandra Kay Kaneklides, Charlotte, NC
Dr. Selna Kaplan, San Francisco, CA
Dr. Paul G. Kaplowitz, Richmond, VA
Dr. K.M. Kapur, Burlington, NC
Mr. Dean Karras, Carrboro, NC
Mr. and Mrs. Gus M. Karres, Chapel Hill, NC
Dr. William D. Kassens, Jr., Wilmington, NC
Dr. William Henry Katz, Auburn, ME
Dr. and Mrs. David Kaufman, Chapel Hill, NC
Mrs. Joan M. Kavanagh, Chapel Hill, NC

Mrs. Charles L. Kearns, High Point, NC
Ms. Alice R. Keenan, Raleigh, NC
Mr. and Mrs. Glenn Keever, Raleigh, NC
Dr. Richard A. Keever, High Point, NC
Mr. and Mrs. Leonard T. Keever, Black Mountain, NC
Dr. Alexander Ryland Kehayes, Missoula, MT
Mr. Larry D. Keith, Garner, NC
Ms. Alexia Keller-Gusman, Chapel Hill, NC
Ms. Emily C. Kelley, Winston-Salem, NC
Mr. and Mrs. John D. Kelly, Pittsboro, NC
Mr. and Mrs. Maurice J. Kelly, Albuquerque, NM
Ms. Rosalie Huske Kelly, Fayetteville, NC
Dr. David Lee Kelly, Jr., Winston-Salem, NC
Dr. Luther W. Kelly, Jr., Charlotte, NC
Dr. Herbert T. Kelly, Pipersville, PA
Dr. Timothy F. Kelly, Palm Harbor, FL
Mr. and Mrs. Lynn N. Kelso, New Bern, NC
Mr. Glen Joseph Kemp, Jr., Chapel Hill, NC
Ms. Roberta Josey Kemp, Scotland Neck, NC
Mr. and Mrs. Frank H. Kenan, Durham, NC
Mr. and Mrs. James G. Kenan, Atlanta, GA
Mr. Thomas S. Kenan, III, Chapel Hill, NC
Kendall Healthcare Products Company, Mansfield, MA
Mr. and Mrs. Paul E. Kendra, Durham, NC
Dr. Angela Kendrick, Portland, OR
Dr. and Mrs. Carroll Kennedy, Chapel Hill, NC
Mr. and Mrs. Charles A. Kennedy, Chapel Hill, NC
Dr. Rebecca S. Kennedy, Carrboro, NC
Mr. and Mrs. Alfred Kenton, Elizabeth City, NC
Ms. Sharon Kepley, Chapel Hill, NC
Dr. Theodore C. Kerner, Jr., Winston Salem, NC
Kernersville Firefighters, Kernersville, NC
Mr. James W. Kernodle, Sr., Durham, NC
Kerr Drug Stores, Inc., Raleigh, NC
Mr. and Mrs. Johnny Kerr, Raleigh, NC
Mr. Hugo Keszler, Chapel Hill, NC
Ms. Martha B. Ketchin, Roxboro, NC
Ms. Adelaide Key, Asheville, NC
Dr. Janice Dixon Key, Hickory, NC
Dr. L. Lyndon Key, Jr., Hickory, NC
Mr. and Mrs. Perry Keziah, High Point, NC
Dr. Edward Benedict Kidd, Jr., North Miami, FL
Mrs. Verneda Kiehn, New Bern, NC
Dr. Clifford L. Kiehn, New Bern, NC
Dr. Douglas P. Kiel, Canton, MA
Dr. Charles F. Kielkopf, Columbus, OH
Dr. Bruce Lee Kihlstrom, Durham, NC
Dr. James Anthony Kiley, Kalispell, MT
Dr. William P. Killam, Chapel Hill, NC
Dr. Kate Killebrew, Atlanta, GA
Dr. and Mrs. Houston Kimbrough, Jr., Greensboro, NC
Mr. and Mrs. Bruce King, Winston-Salem, NC
Dr. and Mrs. Francis P. King, New Bern, NC
Col. Robert T. Kindley, APO, NY
Ms. Bettye D. King, Carrboro, NC
Mrs. Donna G. King, Charlotte, NC
Mr. and Mrs. James Arthur King, Raleigh, NC
Ms. Maline L. King, Ahoskie, NC
Dr. Barbara Anne King, Bakersville, NC
Dr. Garland Coffield King, Franklin, NC
Ms. Nancy G. Kinney, Pittsboro, NC
Kinston Head & Neck, Kinston, NC
Mrs. Rebekah F. Kirby, Chapel Hill, NC
The Hon. and Mrs. Robert W. Kirby, Charryville, NC
***Drs. John L. and Rebecca Kirkland, III, Houston, TX**
Mr. and Mrs. Gary Kirkman, Charlotte, NC
Dr. Marion Sue Kirkman, Durham, NC
Dr. Sue M. Kirkpatrick, Scotts Valley, CA
Dr. L. Gordon Kirschner, Washington, DC
Mr. and Mrs. Gerald C. Kitch, St. Paul, MN
Mrs. Frances D. Kitchin, Rockingham, NC
Ms. Hanna R. Kitchin, Scotland Neck, NC
Dr. Scott Gerald Kleiman, Marietta, GA
Mrs. A. F. Klein, Greensboro, NC
Dr. Sarah G. Klein, Little Rock, AR
Dr. Philip J. Klemmer, Winchester, VA
Dr. and Mrs. Jay Klompmaker, Chapel Hill, NC
Knightdale Jaycees, Knightdale, NC
Mr. and Mrs. Sydney H. Knipe, Kingsport, TN
Dr. Michael R. Knowles, Chapel Hill, NC
Ms. Anna Lois Knox, Cleveland, NC
Dr. John S. Knox, Sanford, NC
Mr. and Mrs. Robert Knox, Greensboro, NC
Mrs. Joseph Kocisko, Sanford, NC
Dr. David Wolters Kohl, St. Petersburg, FL
Koinonia Class, Greensboro, NC
***The Susan G. Komen Foundation, Dallas, TX**
Dr. John Chapin Koomen, Nashville, TN
Dr. Marcia A. Koomen, Chapel Hill, NC
Dr. Crawford Bryan Koon, Jr., Durham, NC
Mr. Marvin B. Koonce, Jr., Raleigh, NC
Dr. Ronald A. Koonts, Asheboro, NC
Dr. Thomas Jeffrey Koontz, Winston-Salem, NC
Dr. Elizabeth Spitznagel Kopin, Wellesley Hills, MA
Mr. Rudolf Koster, Chapel Hill, NC
Dr. William Herbert Kouri, Charlotte, NC
Mr. and Mrs. Ernest Koury, Burlington, NC
Mr. and Mrs. Richard H. Kratz, Durham, NC
Ms. Elaine Krawetz, Joliet, IL
Dr. and Mrs. Ernest N. Kraybill, Chapel Hill, NC
Ms. Gerda V. Krehbiel, Chapel Hill, NC
Dr. Sidney Carl Kress, Staten Island, NY
Mr. and Mrs. J.B. Kriegsman, Greensboro, NC
Dr. Frederick George Kroncke, Jr., Rocky Mount, NC
Dr. Howard S. Kroop, Woodbury, NJ
Dr. Ernest J. F. Krug, III, Greenville, SC
Dr. Richard S. Kruse, Southern Pines, NC
Ms. Linda A. Kuhns, Raleigh, NC
Dr. and Mrs. C. D. Kunkel, New Bern, NC
Dr. and Mrs. Stuart R. Kupfer, Chapel Hill, NC
Mr. R. Ronni K. Kutchei, Greensboro, NC
Dr. Robert Lee Kuykendal, Cincinnati, OH
Dr. Lester Kwock, Chapel Hill, NC
The Kyser Foundation, Chapel Hill, NC
Labor Resource, Inc., Raleigh, NC
Ms. Angela Dawn Lackey, San Francisco, CA
Dr. Robert S. Lackey, Charlotte, NC
Lafayette Fireman's Club, Fayetteville, NC
Mr. and Mrs. David Lafferman, Greensboro, NC
Mrs. Mollie S. Lafferman, Greensboro, NC
Ms. Ruth D. LaHart, Sanford, NC
Dr. Seny Bynum Lake, Canterbury, NH
Lakewood Boosters Club, Roseboro, NC
***Dr. Roger W. Lamanna, Chapel Hill, NC**
Reverend and Mrs. Tracy H. Lamar, Jr., Southern Pines, NC
Mrs. A. Wade Lamb, Richmond, VA
Dr. Elizabeth L. Lamb, Asheboro, NC
Ms. Patricia W. Lambert, Greensboro, NC
Mrs. Walter M. Lambeth, Jr., Charlotte, NC
Dr. William Arnold Lambeth, III, Raleigh, NC
Dr. W. Rick Lambeth, Durham, NC
Mr. Onnie D. Lamm, Rocky Mount, NC
Dr. Jerold E. Lancourt, Dallas, TX
Mr. and Mrs. Everett A. Land, Jr., Durham, NC
Mrs. Lad Landau, II, Greensboro, NC
Ms. Charlotte Landis, Tamarac, Fl
Mr. Charles N. Landen, New Bern, NC
Dr. W. Thomas Landen, Henderson, NC
Dr. and Mrs. Henry Landon, III, North Wilkesboro, NC
Mr. Emmett M. Lane, Elizabeth City, NC
Dr. Harold Compton Lane, Rutherfordton, NC
Dr. John A. Lang, III, Raleigh, NC
Dr. Robert D. Langdell, Chapel Hill, NC
Dr. George M. Langford, Chapel Hill, NC
Mr. Harry L. Langston, Jr., Gates, NC
Mr. and Mrs. R. E. Langston, Jr., Pittsburgh, PA
Mr. John J. Lannon, Glen Ellyn, IL
Dr. Patricia C. LaRocco, Willingboro, NJ
Dr. W. Bryan Latham, Coral Gables, FL
Ms. Eleanor Powell Latimer, High Point, NC
Ms. Katherine Latimer, Chapel Hill, NC
Dr. Thomas Eugene Lauer, High Point, NC
Ms. Leslie A. Laufer, Durham, NC
Ms. Helen H. Laughery, Rocky Mount, NC
Mr. and Mrs. Curtis Laughlin, Jr., Greensboro, NC
Laurinburg Jaycees, Laurinburg, NC
Ms. Sherry L. Lauritzen, Chapel Hill, NC
Dr. Frederick Warren Lawler, Jr., Chapel Hill, NC
Dr. and Mrs. Hal C. Lawrence, Asheville, NC
Dr. Edward E. Lawson, Chapel Hill, NC
Mr. and Mrs. Fentress Layton, Burlington, NC
Ms. Suzanne Lazorick, Chapel Hill, NC
Dr. E. Carwile LeRoy, Charleston, SC
Mr. James Grist Leach, Washington, NC
Dr. Frank W. Leak, Sr., Clinton, NC
Mrs. Mary-Warren Leary, Chapel Hill, NC
Mrs. MacLean B. Leath, High Point, NC
Mrs. Lola C. Lebow, Charlotte, NC
Lee County Cancer Society, Sanford, NC
Dr. Allen H. Lee, Selma, NC
Dr. and Mrs. J. Gary Lee, Greensboro, NC
Dr. and Mrs. James Lee, Greensboro, NC
Mr. and Mrs. Robert E. Lee, Dunn, NC
Ms. Cindi J. Leech, Chapel Hill, NC
Dr. Constance F. Lefler, Fort Worth, TX
Dr. Hugh Talmage Lefler, Jr., Fort Worth, TX
Dr. Gordon Buck LeGrand, Raleigh, NC
Mrs. Carol Lehmann, Newtown, CT
Mrs. Isabel Lehto, Wilmington, NC
Mrs. J. R. Leigh, Chapel Hill, NC
Dr. Margaret W. Leigh, Chapel Hill, NC
Dr. Laurence Leinbach, Winston-Salem, NC
Mr. and Mrs. Robert P. Lemmon, III, Chapel Hill, NC
Ms. Laura S. Lenholt, Carrboro, NC
Dr. David Stancil Lennon, Charlotte, NC
Mr. and Mrs. R. H. Leonard, Siler City, NC
Mrs. Ralph L. Leonard, Turkey, NC
Dr. H. R. Lesesne, Chapel Hill, NC
Ms. David S. Leslie, Chapel Hill, NC
Mr. and Mrs. George C. Leslie, Jr., Watertown, MA
Mr. Richard I. Levin, Chapel Hill, NC
Dr. Stuart Levin, New Haven, CT
Ms. Maxine D. Lewallen, High Point, NC
Dr. Daniel Michael Lewis, Charlotte, NC
Mr. Earl James Lewis, Raleigh, NC
Mr. Emmett B. Lewis, Jr., Wilmington, NC
Mr. Henry W. Lewis, Pittsboro, NC
Ms. Joyce R. Lewis, Durham, NC
Mr. Richard H. Lewis, Jr., Durham, NC
Mr. Roy S. Lewis, Chapel Hill, NC
Ms. Sylvia E. Lewis, Atlanta, GA
Lexington Jaycees, Lexington, NC
Mr. Martin R. Liebhold, Los Angeles, CA
Dr. Allan R. Life, Chapel Hill, NC
LifeJack, Inc., Statesville, NC
Mr. and Mrs. Frank Liggett, III, Raleigh, NC
Dr. Richard V. Liles, Jr., Albemarle, NC
Mr. Jack R. Lindley, Burlington, NC
Ms. Doris Lindsay, Carrboro, NC
Mr. and Mrs. Robert B. Lindsay, Chapel Hill, NC
Mr. and Mrs. Clayton S. Lineberger, Charlotte, NC
Dr. Herman P. Lineberger, Chapel Hill, NC
Mrs. J. Harold Lineberger, Charlotte, NC
Mr. and Mrs. Joseph Lineberger, Charlotte, NC
Dr. Robert P. Lineberger, Brookline, MA
Drs. John E. and Sally K. Linman, West Linn, OR
Ms. Mary T. Lipscomb, High Point, NC
Litho Industries, Inc., Raleigh, NC
Mr. and Mrs. George R. Little, Jr., Elizabeth City, NC
Mr. J. T. Little, Jr., Greenville, NC
Mrs. Mary Louise Little, Wadesboro, NC
Mr. and Mrs. Prescott Little, Charlotte, NC
Dr. Wilfred Duffield Little, Jr., Tampa, FL
Dr. Edgar Watson Little, Greensboro, NC
Dr. Robert Winfield Little, Burlington, NC
Ms. Jane Litzinger, Chapel Hill, NC
Ms. Mary Donovan Livingston, Fort Worth, TX

Dr. Scott G. Lkeiman, Marietta, GA
Mrs. Lucy J. Locklear, Pembroke, NC
Dr. Frank A. Loda, Chapel Hill, NC
Ms. Christine Loehr, Chapel Hill, NC
Mr. Enid I. Lofters, Chapel Hill, NC
Dr. Thomas B. Logan, Henderson, KY
Mr. Glenn Logue, Cary, NC
Mr. Walter J. Loick, Clearwater, FL
Dr. Julian Lee Lokey, Jr., Atlanta, GA
Mr. Lawrence F. London, Chapel Hill, NC
Dr. William L. London, IV, Durham, NC
Dr. Fred J. Long, Jr., Raleigh, NC
Mr. and Mrs. Georgia D. Long, Pinellas Park, FL
Mrs. Gloria H. Long, Charlotte, NC
Mr. and Mrs. P.J. Long, Tarboro, NC
Dr. Walker A. Long, Chapel Hill, NC
Dr. William Everett Long, Newton, NC
Mr. and Mrs. Willie Long, Roanoke Rapids, NC
Mr. Zach Long, San Francisco, CA
Ms. Betty C. Longiotti, Chapel Hill, NC
Mr. and Mrs. Henry E. Longley, Wilmington, NC
Mrs. Gertrude Love, Gastonia, NC
Mr. S. Ray Lowder, Lincolnton, NC
Dr. William L. Lowe, Jr., Iowa City, IA
Dr. William Latimer Lowe, Jr., Iowa City, IA
Dr. Nanetta Lowe-Roache, Tamuning, GU
Mr. E. W. Lowery, Sanford, NC
Mrs. Willie Lowery, Raeford, NC
Dr. Otis Megel Lowry, Spring Hope, NC
Ms. Diane L. Luber, Greensboro, NC
Dr. Charles Clement Lucas, Jr., Larchmont, NY
Mr. Ed Lucas, Greensboro, NC
Mr. James A. Lucas, Jr., Cary, NC
Ms. Lisa L. Lucas, Chapel Hill, NC
Dr. Richard A. Lucas, Chapel Hill, NC
Dr. and Mrs. C. T. Ludington, Chapel Hill, NC
Mr. and Mrs. Allen D. Luke, Raleigh, NC
Mr. James Lum, Las Vagas, NV
Dr. Pauline Kay Lund, Carrboro, NC
Dr. Roger L. Lundblad, Chapel Hill, NC
Mrs. Charlotte J. Lunsford, Columibia SC
Dr. John R. Lurain, III, Oak Park, IL
Mr. and Mrs. David Lustig, Plantation, FL
Mr. Gerald H. Lustig, Plantation, FL
Mr. and Mrs. George Lyles, High Point, NC
Mr. Charles E. Lynch, Bennettsville, NC
Dr. G. Craig Lynch, Westwood, KS
Dr. John F. Lynch, Jr., High Point, NC
Mr. Mark G. Lynch, Raleigh, NC
Dr. Ross David Lynch, Columbia, SC
M & T. Travel World, Ltd., Kinston, NC
Dr. Saundra Ann Maass-Robinson, East Point, GA
Dr. Frederick Harrison Mabry, Laurinburg, NC
Mr. and Mrs. Charles L. Maccabe, Durham, NC
Dr. Henry John MacDonald, Jr., New Bern, NC
Ms. Latonja E. Mack, Winston-Salem, NC
Mr. James R. Mack, III, Raleigh, NC
Dr. Julius A. Mackie, Jr., Bryn Mawr, PA
Mr. and Mrs. Hector MacLean, Lumberton, NC
Mr. Scott A. MacMillan, Boca Raton, FL
Dr. R. James MacNaughton, Greenville, SC
Dr. Donald Miles Mac Queen, Wilmington, NC
Dr. John Donald MacRae, Jr., Dunedin, FL
Dr. Edith K. MacRae, Chapel Hill, NC
Dr. Donald M. MacQueen, Wilmington, NC
Madison-Mayodan Jaycees, Madison, NC
Mrs. Ann C. Maholick, Roswell, GA
Dr. Christine Cox Mahvi, Middleton, WI
Ms. Margaret R. Malburg, Greensboro, NC
Dr. Penelope K. Manasco, Wake Forest, NC
Mr. and Mrs. Nicholas A. Mancini, Philadelphia, PA
Dr. and Mrs. Stanley R. Mandel, Chapel Hill, NC
Dr. and Mrs. A. Kelly Maness, Jr., Greensboro, NC
Dr. Rubin Franklin Maness, Goldsboro, NC
Dr. John Rowland Mangum, Sanford, NC
Mr. and Mrs. G. P. Manire, Bynum, NC
Mrs. Inex Mann, Pittsboro, NC
Dr. J. Tift Mann, III, Raleigh, NC
Mrs. Charles H. Manning, Raleigh, NC
Dr. John Thomas Manning, Jr., Houston, TX
Mr. Wheeler M. Manning, Williamston, NC
Mr. Thomas C. Manson, Burlington,
Mr. Philip R. Manz, Charlotte, NC
Ms. Mary March, Elizabeth City, NC
Ms. Anita Maready, Chapel Hill, NC
Dr. Jeffrey A. Margolis, Tappahannock, VA
Mrs. Irving M. Margolis, Williamston, NC
Dr. John Calvin Markham, III, Augusta, GA
Dr. and Mrs. R. Wade Markham, High Point, NC
Dr. and Mrs. John J. Marks, Raleigh, NC
Dr. E. John Markushewski, Jr., Sulligent, AL
Ms. Lou K. Marley, Asheboro, NC
Dr. James Manning Marlowe, High Point, NC
Col. Walter J. Marm, Hatboro, PA
Mrs. Dianne I. Maroney, Chapel Hill, NC
Ms. Dianne J. Maroney, Denver, CO
Ms. Janet J. Marron, Chapel Hill, NC
Dr. Margret Ferriter Marsden, Greensboro, NC
Mr. and Mrs. James Marsh, High Point, NC
Mr. and Mrs. Robert D. Marsh, High Point, NC
Mr. and Mrs. Billy Marshall, Wake Forest, NC
Emp. of Marsh Furniture Company, High Point, NC
Dr. Robert N. Marshall, Jr., Lookout Mountain, TN
Ms. Ann Marie Marshbanks, Buies Creek, NC
Mrs. Charles Martin, Sanford, NC
Dr. Dan A. Martin, Madisonville, KY
Ms. Geneva B. Martin, Wilson, NC
Mr. and Mrs. James Martin, Jr., Linville, NC
Mr. and Mrs. James Martin, Jr., Gastonia, NC
Dr. James Nello Martin, Jr., Jackson, MS
Dr. and Mrs. M. Todd Martin, Charlotte, NC
Ms. Margaret A. Martin, Charlotte, NC
Dr. and Mrs. Matthew Martin, Greensboro, NC
Mr. and Mrs. Roy E. Martin, Pittsboro, NC
Dr. Terri R. Martin, Chapel Hill, NC
Ms. Victoria L. Martin, Pittsboro, NC
Dr. S. J. Martinkosky, Chapel Hill, NC
Ms. Betty B. Mason, Pittsboro, NC
Mr. Morris A. Mason, Sr., Carrboro, NC
Mrs. W. A. Mason, Belmont, NC
Dr. James T. Massagee, Greensboro, NC
Mrs. Brenda P. Massengill, Durham, NC
Mr. and Mrs. J. C. Massey, Charlotte, NC
Mr. Jeffrey Massey, Goldsboro, NC
Mr. C. Knox Massey, Sr., Durham, NC
Ms. Stella U. Mathias, Gates, NC
Mr. W. P. Mathias, Gates, NC
Mr. and Mrs. Sebastian Matilla, Chapel Hill, NC
Dr. Alan H. Matsumoto, Arlington, VA
Mr. Howard Matthews, Thomasville, NC
Mr. and Mrs. John L. Matthews, Durham, NC
Ms. Margaret M. Matthews, Chapel Hill, NC
Mr. and Mrs. Pescott W. Matthews, Jr., New Bern, NC
Dr. Roland Dellwood Matthews, Burlington, NC
Dr. Matthew A. Mauro, Chapel Hill, NC
Mr. and Mrs. Courtney T. Mauzy, Raleigh, NC
Ms. Ann F. Maxwell, Charlotte, NC
Mr. G. C. Maxwell, Jr., Greenville, NC
Dr. James H. Maxwell, Greensboro, NC
Mrs. Louis Maxwell, Goldsboro, NC
Mr. David T. May, Greensboro, NC
Mr. and Mrs. Henry L. May, Greensboro, NC
Mr. and Mrs. John May, Jr., Greensboro, NC
Dr. Eugene S. Mayer, Chapel Hill, NC
Ms. Connie M. Maynard, Raleigh, NC
Ms. Effie B. Maynard, Cary, NC
Mr. and Mrs. Eugene H. Maynard, Jr., Chapel Hill, NC
Ms. Peggy O. Mayo, Hillsborough, NC
Mr. and Mrs. Roger W. Mays, New Bern, NC
***The McAdenville Foundation, McAdenville, NC**
Dr. James A. McAlister, Jr., Charlotte, NC
Ms. Mary W. McAllister, Kelly, NC
Dr. Hugh A. McAllister, Jr., Houston, TX
Mr. Grover C. McCain, Jr., Chapel Hill, NC
Dr. French Howell McCain, Bloomfield Hills, MI
Dr. and Mrs. John Lewis McCain, Wilson, NC
Dr. Marvin Mather McCall, III, Charlotte, NC
Ms. Evelyn B. McCarthy, Chapel Hill, NC
Mr. William H. McCartney, Chapel Hill, NC
Dr. Lloyd C. McCaskill, Maxton, NC
Mr. Randy E. McCaslin, Kernersville, NC
Mrs. Betsy T. McClain, Raleigh, NC
Dr. Gary Mark McClain, Tequesta, FL
Dr. Howard Dean McClamrock, Baltimore, MD
Mr. and Mrs. R. McClamrock, Jr., Chapel Hill, NC
Mr. Charles R. McClellan, Greensboro, NC
Mr. and Mrs. Gary J. McClellan, High Point, NC
Mr. Stokes E. McClellan, Huntersville, NC
Mr. James G. McClure, Memphis, TN
Mr. and Mrs. J. H. McCombs, Jr., Morganton, NC
Dr. Steven Kelly McCombs, Chapel Hill, NC
Mr. and Mrs. Samuel A. McConkey, Morehead City, NC
Dr. Frederick Micheau McConnel, Lawrenceville, GA
Chaplain, Janet R. McCormack, APO, NY
Mr. John M. McCormick, Sanford, NC
Dr. and Mrs. Nelson D. McCoss, High Point, NC
Mr. Kevin G. McCowan, Chapel Hill, NC
Mr. and Mrs. Reginald McCoy, Laurinburg, NC
Dr. Thomas Hatton McCoy, Charlotte, NC
Mrs. Joey McCulloch, Chapel Hill, NC
Mr. Walter McCutchan, Ontario, Canada
Dr. W. Benson McCutcheon, Jr., Durham, NC
Dr. W. Jason McDaniel, Jr., Raleigh, NC
Dr. Noel B. McDevitt, Sr., Southern Pines, NC
Mrs. Augusta G. McDonald, Charlotte, NC
Ms. Sadie B. McDonald, Sanford, NC
Mr. Vernon P. McDonald, Southern Pines, NC
General and Mrs. John A. McEwan, Orlando, FL
Dr. James S. McFadden, Pinehurst, NC
Mr. Gary W. McFarland, Charlotte, NC
Ms. Janis E. McFarland, High Point, NC
Mr. and Mrs. Richard D. McFarland, Carrboro, NC
Mrs. Elizabeth F. McGee, Greensboro, NC
Ms. Theresa Pat McGee, Fairfax, VA
Ms. Sara W. McGhee, Henderson, NC
Mr. and Mrs. James W. McGinnis, Cary, NC
Mr. Raymond J. McGivney, Chapel Hill, NC
Mr. John A. McGlohon, Asheboro, NC
Ms. Mary Ann Weaver McGourty, Norwalk, CT
Mr. and Mrs. James L. McGowan, Raleigh, NC
Dr. Mary Rutledge McGregor, Charlotte, NC
Dr. David L. McIlwain, Chapel Hill, NC
Dr. Oveta McIntosh-Vick, Durham, NC
Dr. and Mrs. Hamilton McKay, Jr., Charlotte, NC
Mr. and Mrs. Michael L. McKay, Raleigh, NC
McKay's Dry Cleaners, Raleigh, NC
Mr. and Mrs. Richard McKee, Greenville, NC
Dr. Murdoch Ritchie McKeithen, Laurinburg, NC
Mr. James F. McKellan, Fayetteville, NC
Col. William J. McKennan, USMC Ret. Hubert, NC
Mr. James F. McKethan, Fayetteville, NC
Mr. and Mrs. Joseph L. McKinnon, Raleigh, NC
Mr. Rodney L. McKnight, Jr., Harrisburg, NC
Ms. Alicia L. McKoy, Elizabethtown, NC
Ms. Teressa Y. McKoy, Elizabethtown, NC
Dr. Clarence Reid McLain, Jr., Cincinnati, OH
Mrs. L. H. McLamb, Dunn, NC
Dr. Gwenn Elizabeth McLaughlin, Coral Gables, FL
***Miss Clara L. McLean, Pinehurst, NC**
Mr. and Mrs. John Hull McLean, Chapel Hill, NC
Dr. Jonathan O. McLean, Charlotte, NC
Dr. Robert McLelland, Chapel Hill, NC
Mr. Charles A. McLendon, Greensboro, NC
Dr. and Mrs. William W. McLendon, Chapel Hill, NC
Dr. Mary Margaret McLeod, Sanford, NC
Mr. T. Bragg McLeod, Charlotte, NC
Ms. Barbara F. McManeus, Charlotte, NC
***Mr. Dalton L. McMichael, Sr., Madison, NC**
Dr. and Mrs. Campbell W. McMillan, Chapel Hill, NC
Mr. and Mrs. George McMillan, Charlotte, NC
Mr. and Mrs. R. McMillan, Jr., Raleigh, NC

Dr. Robert Monroe McMillan, Pinehurst, NC
Mrs. Sallie A. McMillion, Greensboro, NC
Mr. and Mrs. John H. McMurray, Charlotte, NC
Dr. John Harvey McMurray, Charlotte, NC
Mr. and Mrs. William McNairy, Greensboro, NC
Ms. Jane M. McNeer, Durham, NC
Mr. and Mrs. Neil A. McNeil, Sunapee, NH
Ms. Wendy W. McNeill, Greensboro, NC
Dr. Donald Drake McNeill, Jr., Lenoir, NC
Mr. Mike McPartland, Raleigh, NC
Dr. Barbara Butler McPherson, Ozark, AL
Mr. and Mrs. Howard McPherson, Siler City, NC
Mr. and Mrs. Hubert McPherson, Camden, NC
Ms. Magzine McPherson, South Mills, NC
Ms. Vanessa L. McPherson, Carrboro, NC
Dr. Chapman T. McQueen, Graham, NC
Mr. James A. McRae, Raleigh, NC
Mrs. Ruthann McTyre, Carrboro, NC
Mr. Robert A. McVeigh, Raleigh, NC
Mrs. Clarence E. McVey, Graham, NC
Dr. Philip D. Meador, Jr., Henderson, NC
Ms. Katherine B. Meadows, Lewisville, NC
Mr. and Mrs. Douglas L. Meares, Raleigh, NC
Ms. Vera C. Meares, Clarkton, NC
Mecklenberg Co. Volunteer Fireman's Muster Association, Charlotte, NC
Dr. James Doyle Medders, Louisburg, NC
Medical Education Systems, Inc., Doylestown, PA
Dr. Charles Floyd Melchor, Jr., Myrtle Beach, SC
Mr. and Mrs. Roger W. Melvin, Wake Forest, NC
Ms. Ashley Memmer, Durham, NC
Mrs. Suzanne Menache, Chapel Hill, NC
Mr. and Mrs. Walter A. Mengel, Sanford, NC
Dr. Darlyne Menscer, Charlotte, NC
Merck & Co, Inc., Rahway, NJ
Merck Sharp & Dohme, West Point, PA
Mr. and Mrs. Michael Meredith, Leasburg, NC
Dr. Lonnie W. Merrick, Chapel Hill, NC
Ms. Frances P. Merrill, Salisbury, NC
Mr. David C. Merritt, Raleigh, NC
Ms. Ellen H. Metcalf, Carrboro, NC
Dr. Zubie W. Metcalf, Jr., Greenville, NC
Metrolina Jaycees, Charlotte, NC
Mr. and Mrs. Gene Metz, West Asheville, NC
Ms. Dorothy Meyer, Chapel Hill, NC
Mr. and Mrs. James E. Meyer, Charlotte, NC
Mrs. Jeanette R. Meyer, Fayetteville, NC
Dr. Julien Herman Meyer, Roanoke, VA
Mr. and Mrs. W. T. Miars, Jr., Wilmington, NC
Dr. Patricia A. Michael, Raleigh, NC
Mr. and Mrs. R. P. Michaels, Jr., Bethel, NC
Midas Fabrics Outlets, Inc., Greensboro, NC
Ms. Jennifer Miles, Carrboro, NC
Mr. and Mrs. Andy R. Millager, Chapel Hill, NC
Mr. Steve H. Millender, Burlington, NC
Dr. Clarence M. Miller, Jr., Sewickley, PA
Dr. Eric W. Miller, Carrboro, NC
Mr. and Mrs. Francis R. Miller, Greensboro, NC
Mr. Hal M. Miller, Raleigh, NC
Ms. Helen R. Miller, Chapel Hill, NC
Dr. John Hamilton Miller, Bartow, FL
Ms. Margaret T. Miller, Greensboro, NC
Mrs. Martha Jean B. Miller, Charlotte, NC
Ms. Mary S. Miller, Gates, NC
Dr. Michael Edward Miller, Franklin, TN
Mr. Paul F. Miller, Snow Hill, NC
Mr. and Mrs. R. E. Miller, Jr., Gatesville, NC
Chaplain Ralph Miller, Morganton, NC
Dr. Stephen Maurice Miller, Greensboro, NC
Mr. and Mrs. Steve Millikin, Greensboro, NC
Col. Edgar N. Millington (Ret), Pinehurst, NC
Mr. and Mrs. James H. Millis, Sr., High Point, NC
Dr. Steven R. Mills, Fairfax Station, VA
Mr. William B. Millis, High Point, NC
Mr. and Mrs. Thomas D. Mincher, Greensboro, NC
Mr. and Mrs. William E. Miner, Sunset Beach, NC
Dr. Francesco Minuto, Genoa, Italy
Dr. Joseph V. Mirenda, San Antonio, TX
Dr. Alexander Charles Mitchell, Frenchtown, NJ
Ms. Essie Mitchell, Durham, NC
Mr. Gibson H. Mitchell, Edenton, NC
Mr. James J. Mitchell, Asheville, NC
Dr. Landis P. Mitchell, Spindale, NC
Mr. and Mrs. Lester F. Mitchell, Charlotte, NC
Mr. and Mrs. Monier E. Mitchell, Goldsboro, NC
Ms. Nannie Mitchell, Henderson, NC
Dr. S. Ray Mitchell, Alexandria, VA
Dr. and Mrs. William E. Mitchell, Goldsboro, NC
Dr. Willis Bixler Mitchell, Hendersonville, NC
Dr. Sharon S. Mitchener, Chapel Hill, NC
Dr. Carol A. Mittelstaedt, Chapel Hill, NC
Mr. and Mrs. Matt C. Mlekush, Chapel Hill, NC
Dr. Glenn Duntlin Moak, Indianapolis, IN
Ms. Jean E. Moats, Richwood, OH
Mr. and Mrs. J. D. Mobley, Williamston, NC
Mocksville-Davie Jaycees, Mocksville, NC
Mr. and Mrs. Suresh Modi, Tarboro, NC
Dr. Kristen S. Moffitt, Gibsonville, NC
Dr. James Mohler, Chapel Hill, NC
Mr. George L. Moldovan, Sanford, NC
Mr. Alfred M. Moncla, III, Cary, NC
Mr. A. C. Monk, Jr., Farmville, NC
Dr. John Howard Monroe, Winston-Salem, NC
Dr. John L. Monroe, Pinehurst, NC
Dr. J. Thaddeus Monroe, Jr., Chapel Hill, NC
Mr. and Mrs. W. Paul Monroe, Hickory, NC
Mr. J. Hilton Monsees, Reidsville, NC
Dr. Mark Donald Monson, Spartanburg, SC
Mr. W.I. Montgomery, Chapel Hill, NC
The Montreat House Committee, Reidsville, NC
Mr. Jesse T. Moody, Seaboard, NC
Ms. Marie A. Moody, Raleigh, NC
Mrs. C. H. Moon, Burlington, NC
Mr. Paul D. Moon, Snow Camp, NC
Mr. and Mrs. Conrad V. Mooney, Raleigh, NC
Mr. and Mrs. Alvin O. Moore, Lookout Mountain, TN
***Mrs. Bernice Penn Moore, Reidsville, NC**
Dr. David H. Moore, Durham, NC
Mr. Douglas K. Moore, Roseboro, NC
Ms. Elizabeth V. Moore, Edenton, NC
Dr. and Mrs. John A. Moore, Greensboro, NC
Ms. Pattie Ann Moore, Chapel Hill, NC
Mrs. Sallie Moore, Wilson, NC
Mrs. Sue Battle Moore, Rocky Mount, NC
Dr. Warren H. Moore, Sugar Land, TX
Mr. John A. Moran, Wilmington, NC
Dr. Frank H. Moretz, Asheville, NC
Mrs. Donna Vail Morgan, Blacksburg, VA
Mr. and Mrs. Michael A. Morgan, Carrboro, NC
Morganton Jaycees, Marganton, NC
Ms. Claire L. Moritz, Chapel Hill, NC
Dr. Arthur Sherman Morris, Jr., Asheville, NC
Mr. and Mrs. Austin Morris, Troy, NC
Mr. Kenneth E. Morris, III, New Bern, NC
Mrs. Lewis S. Morris, Jr., Chapel Hill, NC
Ms. Margaret R. Morris, Chapel Hill, NC
Dr. Mary Ann Morris, Chapel Hill, NC
Dr. Peter Lorenz Morris, Santa Barbara, CA
Dr. Richard Morris, Chapel Hill, NC
Mr. Stanford H. Morris, Chapel Hill, NC
Mr. Walter S. Morris, Jr., Pinehurst, NC
Mrs. Waynell B. Morris, Chapel Hill, NC
Mr. Harold M. Morrow, Chapel Hill, NC
Ms. Lillie Mae Morrow, Fayetteville, NC
Mr. and Mrs. Robert K. Morrow, Charlotte, NC
Dr. Sarah T. Morrow, Raleigh, NC
Dr. B. Douglas Morton, III, Macon, GA
Mr. and Mrs. C. L. Morton, Jr., Chapel Hill, NC
Mr. and Mrs. Hugh M. Morton, Linville, NC
Dr. Artus Monroe Moser, Jr., Swannanoa, NC
Dr. Wade Houser Moser, Jr., Raleigh, NC
Dr. H. David Mosier, Jr., Irvine, CA
Dr. Robert S. Moskalik, Coldwater, MI
Ms. Eleanor Moskovitz, Greensboro, NC
Dr. Walter Dickson Moss, III, Cookeville, TN
Dr. Thomas S. Moulding, Redondo Beach, CA
Mount Airy Jaycees, Mount Airy, NC
Mr. C. G. Mullen, Raleigh, NC
Mr. J. Christopher Mullen, High Point, NC
Keith E. Muller, Chapel Hill, NC
Ms. Lilia Muller, Long Beach, NY
Mrs. Margaret G. Mulligan, Cary, NC
Dr. Gerald G. Mulvaney, Raleigh, NC
Dr. Paul L. Munson, Chapel Hill, NC
Mr. and Mrs. Dean R. Murdock, Troutman, NC
Mrs. Peggy Murphree, Key West, FL
Dr. Daniel F. Murphy, Greensboro, NC
Dr. James J. Murphy, Arden, NC
Mrs. Ruth J. Murphy, Kinston, NC
Ms. Laura B. Murray, Burgaw, NC
Dr. Robert F. Murray, III, Hickory, NC
Dr. Robert L. Murray, Roanoke, VA
Ms. Katherine A. Mustian, Raleigh, NC
Mr. and Mrs. Brevard S. Myers, Charlotte, NC
Ms. Brian P. Myers, Winston-Salem, NC
Mr. and Mrs. Eric W. Myers, Chapel Hill, NC
Dr. Dan A. Myers, Kinston, NC
Ms. Nancy M. Myers, Concord, NC
The Nalle Clinic, Charlotte, NC
Ms. Laurie J. Nagle, Chapel Hill, NC
MSGT Robert L. Nagley, Goldsboro, NC
Dr. and Mrs. Charles L. Nance, Jr., Wilmington, NC
Mr. Elmer P. Nance, Lexington, NC
Mr. and Mrs. William R. Nash, Chapel Hill, NC
Mr. Peter Nastasiak, Cameron, NC
Nat'l Starch & Chemical Foundation, Bridgewater, NJ
Dr. Hrudaya Nath, Birmingham, AL
Dr. Henry P. Nathan, Clyde, NC
National Geographic Society, Washington, DC
NC Foam Industries, Inc., Mount Airy, NC
NC Society of Anesthesiologists, Inc., Raleigh, NC
NC Society of Otolaryngology, Winston-Salem, NC
NC State Firemen's Association, Greenville, NC
Dr. William Ronald Neal, Greensboro, NC
Dr. William A. Nebel, Chapel Hill, NC
Ms. Roma M. Nedeff, Washington, DC
Ms. Catherine P. Neeb, Boca Raton, FL
Mr. and Mrs. Robert W. Neeb, Wake Forest, NC
Ms. Sandra Carson Neese, Greensboro, NC
Dr. Gary S. Needell, Bridgewater, NJ
Dr. David Blair Neeland, Montgomery, AL
The Neighborhood Center, Cary, NC
Dr. Eric S. Neijstrom, Greensboro, NC
Mr. and Mrs. Charlie S. Nelson, Chapel Hill, NC
Ms. Minnie P. Nelson, Burlington, NC
Dr. Luther S. Nelson, Amarillo, TX
Col. and Mrs. Robert Neman, Jr., Burlington, NC
Mr. and Mrs. Kenneth Ness, Chapel Hill, NC
Mr. Paul A. Nethery, Greensboro, NC
***Dr. Frederick Sauter Neuer, Emporia, KS**
Ms. Susan S. Neufeld, Durham, NC
Mr. Cater B. Neville, Pinehurst, NC
Dr. Cecil H. Neville, Jr., Pinehurst, NC
Mrs. Lindsay Neville, Chapel Hill, NC
New Bern Jaycees, New Bern, NC
Dr. Howard Wilson Newell, Goldsboro, NC
Ms. Maggie L. Newkirk, Magnolia, NC
Ms. Dee and Ms. Marcia Newlin, Charlotte, NC
Ms. Helen C. Newman, Charlotte, NC
Mr. and Mrs. John W. Newman, Wilmington, NC
Mrs. Alice Newsome, Chapel Hill, NC
Dr. A. Ray Newsome, Winston-Salem, NC
Dr. Dale Alan Newton, Greenville, NC
Ms. Louise R. Nicely, Ligonier, PA
Dr. Paul F. Nicholasen, Jr., Wilmington, NC
Nichols Institute, Los Angeles, CA
Col. and Mrs. Erickson S. Nichols, Charlotte, NC
Dr. Harold A. Nichols, Greensboro, NC
Ms. Natalie J. Nichols, Charlotte, NC
Dr. William W. Nichols, Seattle, WA
Dr. James Evans Nicholson, III, Williamston, NC
Dr. Wanda Kay Nicholson, Durham, NC
Dr. Gary Stewart Niess, Charlotte, NC

Mr. Richard A. Niles, Lynchburg, VA
Rev. Joseph N. Nilsen, Red Bank, NJ
Dr. S. Peter Nissley, Bethesda, MD
Ms. Anna Marie Nobeck, Salisbury, NC
Mr. and Mrs. John D. Noble, New Bern, NC
Dr. Richard Clairborne Noble, Raleigh, NC
Ms. Celine Noel, Chapel Hill, NC
Dr. and Mrs. Clyde Nolan, Jr., Greensboro, NC
Ms. Julia E. Norem, Chapel Hill, NC
Dr. Edward A. Norfleet, Chapel Hill, NC
North Carolina Jaycees Foundation, Inc., Asheboro, NC
Mr. and Mrs. J. Douglas Northup, Raleigh, NC
Norwood Jaycees, Norwood, NC
Dr. Cecil H. Norwood, Champaign, IL
Mr. and Mrs. Charles S. Norwood, Jr., Goldsboro, NC
Mr. Charles C. Nottingham, Chapel Hill, NC
***Dr. Max M. Novich, Edison, NJ**
Ms. Ann Lowe Nuckolls, Greenville, SC
Mr. and Mrs. Solomon J. Numair, Barnegat, NJ
Mr. and Mrs. Francis E. Nunn, Charlotte, NC
Mr. and Mrs. T. C. Nutt, Durham, NC
Mrs. Joyce W. O'Callahan, Orlando, FL
Mr. Tom O'Dwyer, Carrboro, NC
Ms. Ann M. O'Hale, Carrboro, NC
Dr. and Mrs. Edward J. O'Keefe, Chapel Hill, NC
Mr. and Mrs. Brian A. O'Leary, Charlotte, NC
Mr. and Mrs. Andrew O'Sullivan, Sanford, NC
Mr. and Mrs. P. Harold O'Tuel, Greensboro, NC
Oak Ridge Orthopedic Center, Oak Ridge, TN
Mr. and Mrs. Rice B. Ober, Gleneden Beach, OR
Mr. Eugene C. Ochsenreiter, Jr., Asheville, NC
Dr. and Mrs. Luther W. Oehlbeck, Jr., LaBelle, FL
Capt. John W. Ogle, III, Oklahoma City, OK
Dr. and Mrs. John Wills Oglesby, Nashville, TN
Mr. Michael Oldenburg, Chapel Hill, NC
Mr. Nicklas B. E. Oldenburg, Chapel Hill, NC
Dr. William Bellamy Olds, Roxboro, NC
Dr. and Mrs. David Olin, Greensboro, NC
Mr. Edward L. Oliver, Jr., Southport, NC
Mrs. Mary W. Oliver, Chapel Hill, NC
Mr. Karl H. Olson, Saxapahaw, NC
Onslow Women's Health Center, Jacksonville, NC
Dr. David Ontjes, Chapel Hill, NC
Oregon Hill Vol. Fire Dept. Eden, NC
Ms. Dolly D. Orgain, Farmville, VA
Dr. John William Ormand, Jr., Wilmington, NC
Dr. Thoman Lane Ormand, Monroe, NC
Ms. E. Mary Orr, Greensboro, NC
Mr. Jack Orshan, Sunrise, FL
Ortho Research Project, Chapel Hill, NC
Orthopaedic Hospital of Charlotte, Charlotte, NC
Dr. Albert James Osbahr, III, Waynesville, NC
Mr. Michael C. Osborne, Raleigh, NC
Dr. James Charles Osborne, Greensboro, NC
Ms. Wendy Pamela Osheroff, Carrboro, NC
Mr. Mark Overbeck, Chapel Hill, NC
Mrs. Cary C. Owen, Asheville, NC
Dr. Duncan S. Owen, Jr., Richmond, VA
Mrs. Donia Owens, Clinton, NC
Dr. Harold B. Owens, Danville, VA
Ms. Lisa M. Owens, Chapel Hill, NC
Mr. and Mrs. Rufus D. Owens, Raleigh, NC
Dr. Zack D. Owens, Elizabeth City, NC
Ms. Sherry Owensby, Sanford, NC
Dr. Maer B. Ozonoff, West Hartford, CT
Dr. and Mrs. Joseph Pagano, Chapel Hill, NC
Mr. Alvis Page, Pittsboro, NC
Dr. Harvey A. Page, Pikeville, KY
Mrs. Robert J. Page, Chapel Hill, NC
Mr. and Mrs. William H. Page, Washington, NC
Mr. and Mrs. Robert Pahel-Short, Efland, NC
Mr. Stuart R. Paine, Southern Pines, NC
Pamplin Foundation, Portland, OR
Mr. and Mrs. Claude U. Paoloni, Chapel Hill, NC
Mr. Marivien A. Papelera, Chapel Hill, NC
Mr. and Mrs. David E. Pardue, Jr., Burlington, NC
Mr. and Mrs. Rick D. Pareis, Durham, NC
Dr. Henry Edward Parfitt, Jr., Fayetteville, NC
Mrs. Lorean W. Parham, Winston Salem, NC
Mr. William E. Parham, Smithfield, NC
Dr. Asa Richmond Parham, High Point, NC
Dr. S. Malone Parham, Henderson, NC
Dr. Herbert William Park, III, Richmond, VA
Ms. Susan M. Park, Chapel Hill, NC
Dr. James Clifton Parke, Jr., Charlotte, NC
Mrs. Betty Anne Parker, Raleigh, NC
Dr. Charles Johnson Parker, Salt Lake City, UT
Mrs. Constance N. Parker, Wilmington, NC
Mr. and Mrs. Francis I. Parker, Charlotte, NC
Mr. and Mrs. Fred A. Parker, Monroe, NC
Mr. and Mrs. H. Vann Parker, Gatesville, NC
Mr. and Mrs. Jeffrey A. Parker, Bethel, CT
Mr. John Curtis Parker, Chapel Hill, NC
Dr. M. Talbot Parker, Jr., Goldsboro, NC
Dr. Michael Young Parker, Raleigh, NC
Mr. and Mrs. Scott Parker, Jr., High Point, NC
Ms. Polly Ann Parkinson, Durham, NC
Ms. Deniese M. Parrish, Chapel Hill, NC
Mrs. James Parrish, Hillsborough, NC
Mr. and Mrs. Thomas R. Parrish, Willow Springs, NC
Mrs. A. Eugene Parsons, Tarboro, NC
Dr. C. Leon Partain, Brentwood, TN
Mrs. Elaine P. Partin, Trinity, NC
Dr. Cornelius T. Partrick, Washington, NC
Mr. and Mrs. E. Dudley Partrick, Jr., Wadesboro, NC
Dr. Dewey Harris Pate, Raleigh, NC
Dr. J. Lloyd Pate, Raleigh, NC
Mr. and Mrs. Roy E. Patillo, Chapel Hill, NC
Ms. Catherine C. Paton, Chapel Hill, NC
Dr. George Branch Patrick, Jr., Silver Spring, MD
Dr. and Mrs. L. L. Patsceavouras, Greensboro, NC
Dr. David Read Patterson, Greensboro, NC
Mr. and Mrs. Donald S. Patterson, Chapel Hill, NC
Mr. Earl V. Patterson, Jr., Baton Rouge, LA
Ms. Frances Yost Patterson, Chapel Hill, NC
Ms. Lonie W. Patterson, Kings Mountain, NC
Ms. Margaret M. Patterson, New Bern, NC
Ms. Martha S. Patterson, Greensboro, NC
Mr. and Mrs. Ronald K. Patterson, Durham, NC
Dr. and Mrs. Hubert C. Patterson, III, Raleigh, NC
Dr. Thomas H. Patterson, Jr., Farmville, NC
Mr. and Mrs. Thomas T. Patterson, Jr., Charlotte, NC
Dr. Edward N. Pattishall, Chapel Hill, NC
Mr. and Mrs. Jack F. Patton, Charlotte, NC
Mr. and Mrs. Macon G. Patton, Greenville, SC
Mr. J. Bonner Paul, Washington, NC
Dr. Melinda Coover Paul, Greensboro, NC
Mr. Ralph Paul, Chapel Hill, NC
Dr. Vincent Edgar Paul, Greensboro, NC
Mr. Lee M. Pavao, Chapel Hill, NC
Mr. and Mrs. Roland L. Paylor, Jr., Kinston, NC
Dr. Frederick Bowen Payne, Jr., Chapel Hill, NC
Mr. and Mrs. Louis W. Payne, Raleigh, NC
Dr. Robert Benjamin Payne, Mooresville, NC
Mr. and Mrs. Tom Payne, Asheville, NC
PCC Airfoils, Inc., Beachwood, OH
Dr. James Edward Peacock, Jr., Winston-Salem, NC
Dr. Mark Douglas Peacock, Mooresville, NC
Mr. and Mrs. Edwin Pearce, Jr., Greensboro, NC
Mr. and Mrs. George W. Pearce, High Point, NC
Dr. Philip H. Pearce, Durham, NC
Ms. Edith Pearl, Greensboro, NC
Ms. Carolyn P. Pearsall, Chapel Hill, NC
Dr. David Williams Pearsall, Jr., Greenville, NC
Mr. Jim E. Pearson, Salisbury, NC
Dr. James Gwyn Peden, Jr., Greenville, NC
Dr. and Mrs. Cort Andrew Pedersen, Pittsboro, NC
Mr. and Mrs. Marion Wooten Peebles, Jr., Petersburg, VA
Dr. James Harold Peedin, Jr., Burgaw, NC
Ms. Laura E. Peek, Chapel Hill, NC
Mrs. Elbert S. Peel, Jr., Raleigh, NC
Mr. and Mrs. J. Stanley Peel, Elizabeth City, NC
Ms. Lucia C. Peel, Snowhill, NC
Ms. A.B. Peele, Raleigh, NC
Dr. Mark E. Peele, Steilacoom, WA
Mr. Gregory Peeler, Salisbury, NC
Ms. Rebecca Peer, Pittsboro, NC
Mr. Jaroslaw Pekar, Chapel Hill, NC
Mr. Paul E. Pell, Jr., Shawboro, NC
Dr. Tai-Chan Peng, Chapel Hill, NC
Dr. and Mrs. George Dial Penick, Iowa City, IA
Ms. Beverly L. Penninger, Charlotte, NC
Peoples Security Life Insurance Co., Durham, NC
Mr. John R. Peoples, Greensboro, NC
Dr. Francis D. Pepper, Jr., Winston-Salem, NC
Perceptor Gamma Chapter, Charlotte, NC
Ms. Myrtle Perkins, Greensboro, NC
Mr. and Mrs. Franklin T. Perley, Black Mountain, NC
Dr. Louis Morris Perlmutt, Chapel Hill, NC
Mr. and Mrs. Joseph G. Pernell, Louisburg, NC
Perquimans County Jaycees, Hertford, NC
Dr. John Olin Perritt, Jr., Wilmington, NC
Mr. David R. Perry, Chapel Hill, NC
Dr. Dwight Dean Perry, Durham, NC
Dr. Ely Jackson Perry, Jr., Kinston, NC
Mr. and Mrs. Frank G. Perry, Sanford, NC
Ms. Gertrude G. Perry, Chapel Hill, NC
Dr. J. Randolph Perry, Chapel Hill, NC
Ms. Margaret T. Perry, Kinston, NC
Mr. Robert N. Perry, Glen Cove, NY
Mr. and Mrs. Rico Pescia, Jacksonville, NC
Dr. Mark D. Pescovitz, Carmel, IN
Dr. Ora H. Pescovitz, Carmel, IN
Mr. and Mrs. H. Duane Peterson, Cary, NC
Dr. and Mrs. Lloyd Peterson, Greensboro, NC
Mr. Todd L. Peterson, Chapel Hill, NC
Mr. and Mrs. W. H. Petree, Winston-Salem, NC
Ms. Alice M. Pettey, Advance, NC
Dr. Jerry Miller Petty, Charlotte, NC
Pfizer, Inc., Doraville, GA
Dr. Scott Yorke Pharr, III, Williamsburg, VA
Dr. Theodora Yvette Phea, Chapel Hill, NC
Mr. S. P. Phelps, Supply, NC
Mr. H. H. Philips, Jr., Tarboro, NC
Dr. Joseph B. Philips, III, Birmingham, AL
Mr. Alton M. Phillips, Siler City, NC
Dr. Bruce Alton Phillips, Jr., Elizabethtown, NC
Mr. and Mrs. Clay Phillips, Petersburg, VA
Ms. Frances Phillips-Olson, Chapel Hill, NC
Mr. and Mrs. Gary Phillips, Rocky Mount, NC
Dr. Herbert O. Phillips, IV, Webster, NC
Mr. and Mrs. J. Dickson Phillips, Chapel Hill, NC
Mrs. Jacquie Phillips, Marietta, GA
Mr. and Mrs. John B. Phillips, Asheville, NC
Ms. Sue S. Phillips, Cameron, NC
Dr. Vincent C. Phillips, Raleigh, NC
Mr. and Mrs. Hubert J. Philpott, Lexington, NC
Dr. Carl Spencer Phipps, Winston-Salem, NC
Ms. Elizabeth H. Phipps, Greensboro, NC
Pi Kappa Phi, Chapel Hill, NC
Mr. and Mrs. Howard Phykitt, Wilson, NC
Dr. Carl Glenn Pickard, Jr., Chapel Hill, NC
Dr. Conlee Pickens, Cantonment, FL
Mr. Edward M. Pickens, Chapel Hill, NC
Mr. Marshall I. Pickens, Charlotte, NC
Dr. and Mrs. Jerry C. Pickrel, Elizabeth City, NC
Mr. and Mrs. Ned L. Pierce, Greensboro, NC
Dr. Robert James Pierce, Jr., Hickory, NC
Mr. and Mrs. Joseph Pierrie, Cary, NC
Dr. George H. Pierson, Jr., Greensboro, NC
Dr. Carl Pigman, Whitesburg, KY
Mr. and Mrs. Larry N. Pike, Raleigh, NC
Floyd S. Pike Electrical, Mount Airy, NC
Pioneer Jayceees, Raleigh, NC
Mrs. Robert L. Piper, Chapel Hill, NC
Mrs. Willis Benton Pipkin, Reidsville, NC
Dr. William Ross Pitser, Winston-Salem, NC
Dr. Houston Harris Pittman, Rome, GA
Dr. William B. Pittman, Rocky Mount, NC
Mr. and Mrs. Warren T. Piver, Chapel Hill, NC
Mrs. JoAnn K. Pizer, Raleigh, NC
Pizza Hut, Cary, NC
Ms. Helaine K. Plaut, Pittsboro, NC
Dr. John Butler Plonk, Jr., Charlotte, NC



Close friends: Leon Herndon, left, School of Medicine graduate, and Asa Bell, who received his law degree from UNC.

Dr. George Webb Plonk, Kings Mountain, NC
Dr. Jorge Plutzky, Boston, MA
Mr. Everett L. Plyler, Raleigh, NC
Mr. and Mrs. William L. Plyler, Carrboro, NC
Mr. and Mrs. Clay Poindexter, Greensboro, NC
Mr. and Mrs. F. R. Poisson, Charlotte, NC
Mr. Henry H. C. Poliakoff, Little Neck, NY
Mr. Leon M. Pollander, Pittsboro, NC
Dr. Harold Calloway Pollard, III, Winston-Salem, NC
Mr. and Mrs. William J. Pollard, Greensboro, NC
Dr. Daniel H. Pollitt, Chapel Hill, NC
Mr. William Sprott Pollitzer, Chapel Hill, NC
Dr. Hoke D. Pollock, Wilmington, NC
Dr. Michael L. Pool, Knoxville, TN
Dr. and Mrs. E. Tilghman Poole, Wilmington, NC
Mrs. J. Gregory Poole, Sr., Raleigh, NC
Mr. and Mrs. J. Gregory Poole, Jr., Raleigh, NC
Mr. and Mrs. Lee Poole, Charlotte, NC
Ms. Wanda G. Poole, Greensboro, NC
Mr. Allen W. Post, Jr., Atlanta, GA
Dr. Duncan S. Postma, Tallahassee, FL
Ms. Caryll M. Pott, Wake Forest, NC
Dr. Jack B. Potter, Jr., Atlanta, GA
Mr. Mark C. Powell, Wake Forest, NC
Mr. Robert L. Powell, Greensboro, NC
Ms. Kathryn Powers, Siler City, NC
Mr. and Mrs. James B. Powers, Rocky Mount, NC
Dr. James Scott Powers, Cabin John, MD
George Smedes Poyner Foundation, Inc., Raleigh, NC
Dr. Andrea Prader, Zurich, Switzerland
Dr. Arthur J. Prange, Jr., Chapel Hill, NC
Dr. Donna Lynn Prather, Carrboro, NC
Mrs. Celia D. Pratt, Durham, NC
Dr. Thomas B. Prebble, Marshfield, WI
Precision Auto Parts, Jacksonville, NC
Ms. Eula Mae Preddy, Franklinton, NC
Dr. Richard La Marr Pressley, Boulder, CO
Dr. James A. Pressly, Charlotte, NC
Dr. and Mrs. Thomas L. Presson, Greensboro, NC
Ms. Louise M. Preston, Wyandotte, MI
Mr. and Mrs. Norris W. Preyer, Charlotte, NC
Mr. and Mrs. Richardson Preyer, Greensboro, NC
Mr. Charles R. Price, Jr., Asheville, NC
Congressman and Mrs. David E. Price, Chapel Hill, NC
Mr. and Mrs. Leroy H. Price, New Bern, NC
Dr. and Mrs. Thomas B. Price, Greensboro, NC
Ms. Virginia N. Price, Raleigh, NC
Price-McNabb, Asheville, NC
Ms. Linda Withers Primm, Denver, NC
Dr. Richard Kirby Primm, Wenatchee, WA
Mr. and Mrs. Charles Prince, Warrenton, NC
Mr. Frank T. Princiotta, Chapel Hill, NC
Dr. and Mrs. John Pringle, Chapel Hill, NC
Dr. Joseph Ross Pringle, Jr., Burlington, NC
Dr. Don Warren Printz, Stone Mountain, GA
Dr. Douglas Privette, Greenville, NC
Mr. C. Lee Proctor, Jr., Matthews, NC
Mrs. Herbert Proctor, Chapel Hill, NC
Mr. and Mrs. J. Knott Proctor, Greenville, NC
Mr. T. G. Proctor, Jr., Sanford, NC
Mr. and Mrs. Neil S. Prose, Chapel Hill, NC
Mr. and Mrs. Julian B. Prosser, Wake Forest, NC
Prudential-Bache, Durham, NC
Ms. Vickie Pruett, Pittsboro, NC
Dr. and Mrs. Ron E. Pruitt, Nashville, TN
Mr. and Mrs. Bruce Pugh, Franklinville, NC
Mr. and Mrs. Larry W. Pulec, Longmont, CO
Pulley, Watson, King and Hofler, Durham, NC
Dr. Rose Pully, Kinston, NC
Ms. Caroline M. Punte, Chapel Hill, NC
Dr. and William R. Purcell, Laurinburg, NC
Dr. and Mrs. Elliot M. Puritz, St. James, NY
Dr. Arthur Charles Quackenbush, Bay Shore, NY
Mr. and Mrs. Lawton Rabeler, Cary, NC
Mr. and Mrs. Raymond C. Rabeler, Cortland, NY
Mr. and Mrs. Joseph Raby, Coconut Creek, FL
Mr. Albert P. Rachide, Jacksonville, NC
Mr. Henry H. Rachlin, Chapel Hill, NC
Dr. Catherine Marie Radovich, Tsaile, AZ
Dr. Elizabeth V. Raft, Durham, NC
Mr. and Mrs. Dwight C. Ragland, Sr., Hillsborough, NC
Ms. Melba Ragland, Chapel Hill, NC
Mr. W. Trent Ragland, Jr., Raleigh, NC
Mr. W. Trent Ragland, III, Raleigh, NC
Mrs. Mary Ragsdale, Jamestown, NC
Rain Instrument Co, Inc., Woburn, MA
Mr. Lawrence M. Raines, III, Chapel Hill, NC
Dr. Petrie M. Rainey, New Haven, CT
Mr. Sam L. Rakes, Cary, NC
Raleigh Ear Nose and Throat, Raleigh, NC
Raleigh Jaycees, Raleigh, NC
Raleigh Orthopaedic Clinic, P.A. Raleigh, NC
Ramseur Broom Works, Ramseur, NC
Dr. Keith Maxwell Ramsey, Mobile, AL
Mrs. Maxine Ramsey, Mars Hill, NC
Mr. and Mrs. Anthony Rand, Fayetteville, NC
Dr. Cecil H. Rand, Jr., Greenville, NC
Mr. W. Kenan Rand, Jr., Durham, NC
Mrs. W. H. Randall, Falcon, NC
Randleman-Asheboro Jaycees, Randleman, NC
Mr. Victor F. Randolph, Chapel Hill, NC
Randolph County Jaycees, Raleigh, NC
Mr. Julian H. Raney, Chapel Hill, NC
Dr. R. Beverly Raney, Chapel Hill, NC
Mr. and Mrs. Martin A. Rankow, Chapel Hill, NC
Ms. Rebecca G. Rapoport, Chapel Hill, NC
Mr. and Mrs. Robert Rapp, Greensboro, NC
Dr. Raphael Rappaport, 75730 Paris Cedex 15
Dr. Edwin Albert Rasberry, Jr., Wilson, NC
Mr. and Mrs. J. P. Rascoe, Windsor, NC
Mr. and Mrs. Melvin Rashkis, Chapel Hill, NC

Mrs. J. C. Raspberry, Kinston, NC
Ms. Julia M. Ratliff, Rockingham, NC
Mr. Zeno O. Ratcliff, III, Pantego, NC
Mr. and Mrs. William M. Rawls, Greensboro, NC
Mr. and Mrs. Nicholas Rawluk, Chapel Hill, NC
Mrs. Allen B. Ray, Cary, NC
Dr. Walter C. Ray, Greensboro, NC
Ms. Jo Ann R. Read, Durham, NC
Mr. J. Milton Read, Jr., Durham, NC
Ms. Elizabeth A. Reap, Chapel Hill, NC
Ms. Sandra S. Reaves, Durham, NC
Dr. Wilton McLean Reavis, Jr., Lakeland, FL
Mr. A. F. Rebman, III, Chattanooga, TN
Mr. and Mrs. Kemp Reece, Greensboro,NC
Dr. James S. Reed, Gig Harbor, WA
Ms. Jennifer L. Reed, Carrboro, NC
Mr. and Mrs. Mark Reed, III, Chapel Hill, NC
Mr. Philip A. Rees, Chapel Hill, NC
Dr. David John Reese, II, Alexandria, VA
***Reeves Foundation, Summit, NJ**
Mrs. John M. Reeves, Pinehurst, NC
Ms. Margaret L. Reeves, Charlotte, NC
Mr. Scott D. Reeves, Durham, NC
Regional Communications, Inc., Charlotte, NC
Mrs. Charles M. Register, Durham, NC
Mr. and Mrs. Charles M. Reid, Greensboro, NC
Mr. Roy L. Reidel, Clearwater, FL
Reidsville Fire Department, Reidsville, NC
Reidsville Jaycees, Reidsville, NC
Mr. and Mrs. Desmond M. Reilly, Pittsboro, NC
Dr. Pamela Jean Reitnauer, Chapel Hill, NC
Dr. David A. Rendleman, III, Raleigh, NC
Dr. David A. Rendleman, Jr., Salisbury, NC
Ms. Louise F. Renn, Henderson, NC
Dr. John Hamlin Rennick, Jr., Charlotte, NC
Dr. Sheldon Michael Retchin, Richmond, VA
Dr. Frank R. Reynolds, Wilmington, NC
Dr. John Ozment Reynolds, Jr., Salisbury, NC
Mr. and Mrs. Royce Reynolds, Greensboro, NC
Dr. Vade G. Rhoades, Winston-Salem, NC
Mr. and Mrs. Verne Rhoades, Asheville, NC
Dr. J. Marc Rhoads, Chapel Hill, NC
Ms. W. Gregory Rhodes, Pittsburgh, PA
Mr. John S. Rhodes-Estate of, Raleigh, NC
Dr. Paul Heilig Rhodes, Denver, CO
Ms. Anne J. Woody Rice, Durham, NC
Mr. Charles A. Richard, Pittsboro, NC
Dr. Aubrey De Vaughn Richardson, Baltimore, MD
Mrs. C.V. Richardson, Star, NC
Dr. Bobby, Arthur Richardson, Ocala, FL
Dr. Don Harlor Richardson, Boyce, VA
Dr. G. Irvin Richardson, Reidsville, NC
Mr. Robert L. Richardson, Jr., Raleigh, NC
Dr. William Allen Richey, New Bern, NC
Dr. Charles Henry Richman, Saratoga Springs, NY
Dr. and Mrs. Robert A. Richman, Manlius, NY
***J. P. Riddle Charitable Foundation, Fayetteville, NC**
Mr. J. P. Riddle, Fayetteville, NC
Dr. Marjorie H. Riddle, Carrboro, NC
Mr. and Mrs. Don Ridgeway, Raleigh, NC
Mr. R. L. Riedel, Tampa, FL
Dr. Lambros C. Rigas, Rome, GA
Mr. David P. Riggins, Charlotte, NC
Ms. Lucy C. Rightmyer, Durham, NC
Ms. Carol R. Rimmer, Troutman, NC
Mrs. Melinda B. Rindfleisch, Pinebluff, NC
Dr. Reuben N. Rivers, Fayetteville, NC
Dr. Shirley Louise Rivers, Tucson, AZ
Mrs. W.J. Rives, High Point, NC
Mr. and Mrs. Paul Rizzo, Chapel Hill, NC
Roanoke Rapids Jaycees, Roanoke Rapids, NC
Mrs. Myrtle L. Robbins, Mooresville, NC
Ms. Tula Carter Robbins, Raleigh, NC
Mr. David C. Roberson, Newton Grove, NC
Mr. and Mrs. H. Roberson, Jr., Edenton, NC
Dr. Virgil Odell Roberson, III, High Point, NC
Mr. and Mrs. William Roberson, Jr., Bath, NC
Dr. Thomas Adams Roberts, Jr., Charlotte, NC
Dr. and Mrs. Harold R. Roberts, Chapel Hill, NC
Dr. Ronald Wayne Roberts, Greensboro, NC
Dr. Surry Parker Roberts, Raleigh, NC
Mr. and Mrs. W.T. Roberts, Atlanta, GA
Mrs. H.F. Robertson, Petersburg, VA
Ms. Laura J. Robertson, Baltimore, MD
Mrs. Marie P. Robertson, Williamston, NC
Ms. Sondra Robertson, Wrightsville Beach, NC
Mr. Wyndham Robertson, Chapel Hill, NC
Dr. Charles Wilson Robinson, III, San Antonio, TX
Dr. James H. Robinson, Wilmington, NC
Mrs. Martha McDonald Robinson, Charlotte, NC
Dr. Randy G. Robinson, Greenwood, SC
Mr. and Mrs. Walter H. Robinson, Clinton, NC
Ms. Judith L. Rochelle, Kinston, NC
Dr. Oliver F. Roddey, Jr., Charlotte, NC
Mr. and Mrs. Norman Roeper, Pinellas Park, FL
Mr. Han Charles Roethling, Greensboro, NC
Dr. Suzanne Rogacz, Bethesda, MD
Dr. C. William Rogers, Lebanon, TN
Dr. Charles Stewart Rogers, Greensboro, NC
Florence Rogers Charitable Trust, Fayetteville, NC
Mr. and Mrs. R. Eugene Rogers, Williamston, NC
Mr. and Mrs. Raymond W. Rogers, High Point, NC
Dr. Tate Mosley Rogers, Greensboro, NC
***Mr. Joseph Roif, Greensboro, NC**
Dr. Tomasz E. Romer, Warsaw, NC
Dr. Mary Frances Munch Rood, Raleigh, NC
Dr. Raoul Rooman, Chapel Hill, NC
Dr. Albert Lonsdale Roper, II, Norfolk, VA
Dr. Gary Wayne Roper, Greensboro, NC
Dr. and Mrs. John T. Roper, Charlotte, NC
Ms. Purcell E. Rose, Fayetteville, NC
Dr. James William Rose, Jr., Madison, WI
Dr. George P. Rosemond, Lancaster, PA
Mr. and Mrs. R. Rosenbacher, Chapel Hill, NC
Ms. Frieda B. Rosenberg, Durham, NC
Mrs. Gertrude S. Rosevear, Edenton, NC
Dr. C. Alan Ross, Greensboro, NC
Mr. and Mrs. James L. Ross, Chapel Hill, NC
Mr. and Mrs. Lyle G. Ross, Washington, NC
Dr. William Livan Ross, Jr., Kensington, MD
Dr. George Rosser, Charlotte, NC
Dr. Robert Collins Rountree, Boulder, CO
Dr. Malcolm H. Rourk, Shallotte, NC
Mr. and Mrs. Chas. Rouse, Jr., Raleigh, NC
Mr. M. Bristol Rouse, Durham, NC
Ms. Anne G. Rowe, Edenton, NC
Mr. and Mrs. John B. Rowe, Mocksville, NC
***Mr. and Mrs. Oliver R. Rowe, Charlotte, NC**
***Rowe Corporation, Charlotte, NC**
Dr. C. Roy Rowe, Jr., Statesville, NC
Dr. Philip Wayne Royal, Chapel Hill, NC
The Royal Society of Medicine, London, England
Ms. Mary W. Royall, Durham, NC
Ms. Susan W. Royster, Cary, NC
Dr. David Martin Rubin, Greensboro, NC
Dr. Eli A. Rubinstein, Chapel Hill, NC
Col. A. W. Ruete, Jr., Jacksonville, NC
Mr. Harvey B. Ruffin, Wilson, NC
Mr. Peter Browne Ruffin, Wilmington, NC
Mr. Thomas Ruffin, Jr., Greensboro, NC
Ms. Ellen Ruina, Chapel Hill, NC
Dr. Teresa Anne Rummans, Rochester, MN
Ms. Jane E. Runion, Summerfield, NC
Mr. and Mrs. Desmond K. Runyan, Chapel Hill, NC
Mr. Laurence P. Runyon, Jr., Reidsville, NC
Rural Hall Jaycees, Rural Hall, NC
Mr. and Mrs. John W. Rusher, Raleigh, NC
Dr. Douglas MacArthur Russell, Goldsboro, NC
Dr. Eugene F. Russell, III, Greensboro, NC
***Dr. Joseph D. Russell, Wilson, NC**
Dr. Lincoln D. Russin, Westfield, MA
Mr. and Mrs. Richard D. Rust, Chapel Hill, NC
Mr. John Rutledge, Durham, NC
Dr. F. Peter Ryan, Spartanburg, SC
Ms. Josephine Ryan, Huntersville, NC
Dr. William Halsell Ryan, III, Dallas, TX
Mr. Jim K. Sabiston, Rocky Mount, NC
Dr. Hal Dean Safrit, Chapel Hill, NC
Mr. Norman Safstrom, Cary, NC
Dr. Mehrdad M. Sahba, Durham, NC
Cdr. and Mrs. Latane Sale, Virginia Beach, VA
Dr. Jackie Newlin Saleeby, Raleigh, NC
Dr. Richard Gibran Saleeby, Jr., Raleigh, NC
Mr. and Mrs. Stephen M. Saleeby, Raleigh, NC
Mr. Paul L. Salisbury, Jr., Raleigh, NC
Dr. Mark H. Salley, Columbia, SC
Dr. Lyle Spencer Saltzman, Satellite Beach, FL
Mr. Max Samfield, Durham, NC
Sampson Internal Medicine, P.A. Clinton, NC
Mr. and Mrs. Dedrick F. Samuels, Sr., Lexington, NC
Ms. Donna E. Samuels, Greensboro, NC
Dr. W. Ray Samuels, Charlotte, NC
Dr. Janet H. Sanchez, Raleigh, NC
Dr. J. L. Sanderford, Jr., Pfafftown, NC
Dr. Angela Sanders Cliette, Durham, NC
Mr. and Mrs. Clarence Sanders, Camden, NC
Mr. and Mrs. Julius Sanders, Jr., Charlotte, NC
Ms. Rachel J. Sanders, Juneau, AK
Mrs. Stagg N. Sanders, Raleigh, NC
The Sandhills Jaycees, Aberdeen, NC
Mr. and Mrs. H. Arthur Sandman, Raleigh, NC
Sandoz Pharmaceutical, East Hanover, NJ
Sanford Jaycees Charitable Foundation, Inc., Sanford, NC
Dr. William Gordon Sanford, Winston-Salem, NC
Ms. Staci E. Santillo, Durham, NC
Mr. Peter Sapin, Chapel Hill, NC
Dr. Luther C. Sappenfield, Jr., Fayetteville, NC
Saratoga Christian Church, Saratoga, NC
Dr. and Mrs. Paul Sarazen, Shelby, NC
Mr. Ralph F. Sarlin, Liberty, SC
SAS Institute, Inc., Cary, NC
Dr. Paul William Sasser, Eden, NC
Mrs. Daniel Satisky, Raleigh, NC
Mr. Kirby L. Saunders, Chapel Hill, NC
Dr. Mary Alison Saunders, Springfield, IL
Dr. Timothy Gray Saunders, Charlotte, NC
Dr. Suzanne Van Houten Sauter, Chapel Hill, NC
Mr. and Mrs. Abel Jacob Savage, Baltimore, MD
Mr. Howard I. Savage, Chapel Hill, NC
Dr. Charles Judson Sawyer, III, Ahoskie, NC
Mr. and Mrs. Tom Sawyer, Camden, NC
Dr. W. Paul Sawyer, Tallahassee, FL
Dr. William Floyd Sayers, Jr., Winston-Salem, NC
Dr. Dawson E. Scarborough, Jr., Raleigh, NC
Dr. Yolanda V. Scarlett, Chapel Hill, NC
Dr. and Mrs. James H. Scatliff, Chapel Hill, NC
Dr. Jennifer Carol Schaal, Greensboro, NC
Mr. John W. Schaberg, Chapel Hill, NC
Mrs. M. J. Schaeferle, Chapel Hill, NC
Mr. and Mrs. Kenneth L. Schauer, Chapel Hill, NC
Mr. and Mrs. Sol Schechter, Kinston, NC
The Schechter Foundation, Inc., Kinston, NC
Mr. and Mrs. James S. Schenck, Greensboro, NC
Mr. Richard Scherczinger, Chapel Hill, NC
Dr. Mark L. Schiebler, Carrboro, NC
Dr. Carol M. Schiller, Raleigh, NC
Mr. Ralph P. Schipa, San Diego, CA
Dr. Kenneth I. Schlesinger, Charleston, SC
Dr. Peter Alan Schlesinger, Roseville, MN
Mr. and Mrs. Robert J. Schmalfeld, Raleigh, NC
Dr. Roland E. Schneckloth, Reidsville, NC
Mr. and Mrs. Geoffrey M. Schoenbaum, Chapel Hill, NC
Dr. John Martz Schoffstall, Philadelphia, PA
Mr. and Mrs. David P. Schorr, Jr., Chapel Hill, NC
Mr. and Mrs. Paul H. Schreiter, Chapel Hill, NC
Mr. and Mrs. John A. Schrull, Greensboro, NC
Mrs. Kenneth Schultz, Sanford, NC
Mr. Jack L. Schuman, Chapel Hill, NC
Dr. Curtis W. Schupbach, Charlotte, NC
Dr. and Mrs. Nathan Schupper, Durham, NC
Schwan's Sales, Marshall, MN
Ms. Eileen F. Schwartz, Raleigh, NC
Dr. Martin L. Schwartz, Portland, OR
Dr. and Mrs. Robert P. Schwartz, Charlotte, NC
Mr. Al Schwirck, Charlotte, NC
Ms. Judith Schwirck, Greensboro, NC

Mr. and Mrs. Philip Schwirck, Coconut Creek, FL
Mr. and Mrs. B. Scott Sciotto, Alpharetta, GA
Ms. Fay N. Sclar, Chapel Hill, NC
Ms. Catherine G. Scott, New Bern, NC
Dr. Charles Kimrey Scott, Burlington, NC
Mr. Earl R. Scott, Beulaville, NC
Mr. J. Frank Scott, Raleigh, NC
Dr. Samuel E. Scott, Burlington, NC
Mr. and Mrs. William J. Scott, Jr., Greensboro, NC
Mr. and Mrs. B. F. Seagle, III, Charlotte, NC
Mr. and Mrs. Edward Seagraves, Charlotte, NC
Seagroves Jaycees, Seagrove, NC
*G.D. Searle & Co. Chicago, IL
Mr. and Mrs. Thomas Sears, Jr., Greensboro, NC
Ms. Sharon Huffman Sebastian, Greensboro, NC
Sedgefield Women's Club, Greensboro, NC
*Dr. Melvin M. Seek, Ocala, FL
Dr. Thomas Johnston Seely, Greensboro, NC
Dr. Stuart Charles Segerman, Atlanta, GA
Dr. Samuel Thwing Selden, Chesapeake, VA
Dr. Julian Wood Selig, Jr., Elizabeth City, NC
Senn, Dunn, Marsh and Roland, Greensboro, NC
Dr. John B. Sesler, Chapel Hill, NC
Mr. and Mrs. Willard Sessler, Asheville, NC
Dr. John T. Sessions, Jr., Chapel Hill, NC
Ms. Caroline A. Sevier, Greenfield, NH
Dr. Robert English Sevier, Greensboro, NC
Dr. James Michael Seward, Thomson, GA
The Seymour Levin Foundation, Inc., Greensboro, NC
Mrs. Pearl F. Seymour, Chapel Hill, NC
Rev. and Mrs. R. E. Seymour, Chapel Hill, NC
Mr. and Mrs. Charles Shaffer, Chapel Hill, NC
Mindy Shaffer, Canal Winchester, OH
Ms. Sunjay A. Shah, Chapel Hill, NC
Mr. Tushar N. Shah, Charlotte, NC
Dr. John S. Shahan, Gainesville, FL
Mr. Arthur R. Shain, Chapel Hill, NC
Ms. Marcia L. Shannon, Marion, NC
Mr. William R. Shannon, Eagle Springs, NC
Mr. and Mrs. Lawrence Shapiro, Charlotte, NC
Dr. Mark A. Shapiro, Center Moriches, NY
Dr. Ronald Bruce Shapiro, Indianapolis, IN
Dr. Eugene B. Sharpe, Asheville, NC
Dr. Edward Arthur Sharpless, Greensboro, NC
Dr. Martha Kornegay Sharpless, Greensboro, NC
Mr. and Mrs. Steve Sharon, Baltimore, MD
Ms. Alita Shaver, Carrboro, NC
Mr. Alan P. Shaw, Charlotte, NC
Dr. Gail Lynn Shaw, Silver Spring, MD
Dr. Richard P. Shea, Jr., San Antonio, TX
Dr. Thomas Charles Shea, Poway, CA
Mrs. Miriam L. Sheaves, Chapel Hill, NC
Dr. William E. Sheely, Alexandria, VA
Mrs. Robert W. Shefte, Chapel Hill, NC
Dr. Palmer F. Shelburne, Greensboro, NC
Dr. George F. Sheldon, Chapel Hill, NC
Dr. James Henry Shell, Jr., Baltimore, MD
Mr. Martin F. Shelley, Charlotte, NC
Mr. Nitin Shenoy, Carrboro, NC
Mr. Tom H. Shepard, Edenton, NC
Dr. David Samuel Sheps, Chapel Hill, NC
Dr. Richard Wayne Shermer, Chapel Hill, NC
Ms. Katherine E. Sherrill, Greensboro, NC
Dr. Steven Richard Sherwin, East Hills, NY
Mrs. Adrienne M. Sherwood, Chapel Hill, NC
Dr. Ying Hsien Shih, Chapel Hill, NC
Dr. Gregory Wayne Shipp, Seattle, WA
Ms. Donna W. Shiro, Wilmington, NC
Dr. James Allison Shivers, Asheville, NC
Mrs. O.P. Shoemaker, Burlington, NC
Mr. and Mrs. Lenoir G. Shook, Tarboro, NC
B. P. Short & Son Paving Co., Inc., Petersburg, VA
Ms. Barbara P. Shoup, Kentwood, MI
Dr. William F. Shuford, Jr., Wilmington, NC
Shuford Mills, Inc., Hickory, NC
Dr. William Henry Shull, Charlotte, NC
Reverend T. R. Siddle, Ruffin, NC
Mr. Stephen Siddle, Jr., Reidsville, NC
*Sigma Chi Derby Fund, Chapel Hill, NC
Dr. J. Lewis Sigmon, Jr., Cornelius, NC
Dr. Richard Lee Sigmon, Jr., Charlotte, NC
Ms. Rowena H. Sikes, Mount Gilead, NC
Dr. and Mrs. David Wilde Sillmon, Greensboro, NC
Dr. Danny Silver, Columbia, SC
Dr. David Freeman Silver, Charlottesville, VA
Mr. Myron S. Silverman, Chapel Hill, NC
Mr. Howard T. Silverstein, Greensboro, NC
Mr. and Mrs. John Silverstein, Raleigh, NC
Dr. Paul J. Silverstein, Omaha, NE
Dr. James G. Simmons, Chapel Hill, NC
Mrs. Peggy C. Simmons, Lincolnton, NC
Dr. Robert George Simmons, Danville, VA
Ms. Virginia I. Simnad, Chapel Hill, NC
Mr. Leon Simon, Jr., Charlotte, NC
Mr. Patrick J. Simpson, Chapel Hill, NC
Mrs. W. A. Simpson, Pfafftown, NC
Mr. and Mrs. William Simpson, Greensboro, NC
Dr. Arthur I. Sims, Arlington, VA
Mr. Donald L. Sims, Edenton, NC
Dr. Sara Hendricks Sinal, Winston-Salem, NC
Mr. and Mrs. Irving Singer, Delray Beach, FL
Mr. George S. Sinnicks, Charlotte, NC
Dr. and Mrs. J. Carlyle Sitterson, Chapel Hill, NC
Ms. Katherine D. Skinner, Durham, NC
Dr. James Norfleet Slade, Edenton, NC
Mr. and Mrs. John G. Slater, Chapel Hill, NC
Ms. Joyce M. Sledd, Raleigh, NC
Ms. Virginia H. Sledge, Roanoke Rapids, NC
Mr. Nicholas B. Sliz, Jr., Chapel Hill, NC
Ms. Carol D. Sloan, Chapel Hill, NC
Dr. and Mrs. James B. Sloan, Wilmington, NC
Mr. and Mrs. Jack Slotchiver, Greensboro, NC
Ms. Jodi M. Slotchiver, Carrboro, NC
Dr. and Mrs. Alton L. Smith, Jr., Raleigh, NC
Dr. Ann T. Smith, Traverse City, MI
Mrs. C. M. Smith, Jr., High Point, NC
Dr. Cameron L. Smith, Greenville, NC
Mrs. Charles Lee Smith, Jr., Raleigh, NC
Mr. Dean E. Smith, Chapel Hill, NC
Mrs. Donald T. Smith, Chapel Hill, NC
Mr. E. C. Smith, Jr., Greenville, NC
Mr. Edward C. Smith, Jr., Grimesland, NC
Dr. Foyell P. Smith, Lexington, NC
Mr. Fred G. Smith, Chapel Hill, NC
Mr. and Mrs. Garland Smith, Raleigh, NC
Mr. and Mrs. Gordon Smith, Jr., Raleigh, NC
Dr. Helen Elizabeth Smith, Roanoke, VA
Mr. and Mrs. Herbert B. Smith, Winston-Salem, NC
Mr. J. Roy Smith, Asheboro, NC
Dr. James H. Smith, Wilmington, NC
Dr. Jerry Allen Smith, Memphis, TN
Dr. Jerry Edward Smith, Southern Pines, NC
Dr. John Braswell Smith, Jr., Clinton, NC
Mr. and Mrs. Kenneth Smith, Jr., Charlotte, NC
Dr. Linnea Weblemoe Smith, Chapel Hill, NC
Ms. Mabel A. Smith, Chapel Hill, NC
Ms. Mary M. Smith, Pittsboro, NC
Dr. Paula Yvonne Smith, Raleigh, NC
Mrs. and Mrs. S. H. Smith, Jr., Raleigh, NC
Mr. S. McKay Smith—Estate of, Lumberton, NC
Mr. and Mrs. W. A. Smith, High Point, NC
*W. A. Smith Trust, Whiteville, NC
Dr. W. Siegfried Smith, Jr., Greensboro, NC
Mr. and Mrs. Wade M. Smith, Raleigh, NC
Dr. William C. Smith, Litchfield Park, AZ
Smithfield Jaycees, Smithfield, NC
Dr. H. Lee Smyre, Greer, SC
Mrs. Nancy P. Snideman, Menlo Park, CA
Dr. Susan Tripp Snider, Spruce Pine, NC
Mr. John R. Snow, Raleigh, NC
Dr. Grady K. Snyder, Jr., Pagosa Springs, CO
Mr. and Mrs. Shuford E. Snyder, Brevard, NC
Mr. and Mrs. Thurman Snyder, Mebane, NC
Mr. and Mrs. Eric S. Sobel, Durham, NC
Dr. and Mrs. C. Sockwell, Chapel Hill, NC
Dr. Elliott Solomon, Scarsdale, NY
Dr. Karen C. Sorrels, Midlothian, VA
Ms. Mary J. Soto, Raleigh, NC
Ms. Ernestine J. Southerland, Fuquay-Varina, NC
Southern Bell, Charlotte, NC
Southern National Bank of N.C., Lumberton, NC
Southern Otologic Clinic, Augusta, GA
A Southern Season, Inc., Chapel Hill, NC
Dr. E. B. Spangler, Greensboro, NC
Mrs. F. J. Sparger, Jr., Wadesboro, NC
Mr. and Mrs. D. G. Sparrow, Greensboro, NC
Ms. Ruby Lee Sparrow, Charlotte, NC
Mr. and Mrs. R. Michael Spear, Summerfield, NC
Mr. Mark A. Spears, Chapel Hill, NC
Ms. Frances A. Speight, Rocky Mount, NC
Mr. Willie H. Speller, Windsor, NC
Mrs. Sharon S. Spence, Sanford, NC
Ms. Ann Lewallen Spencer, Winston-Salem, NC
Mr. Hunter B. Spencer, Chapel Hill, NC
Ms. Laurinda Nicholson Spencer, Durham, NC
Mr. L. Terry Spencer, Jr., Tarrboro, NC
Mrs. Martha Spencer, Chapel Hill, NC
Dr. Walter J. Sperling, Pittsboro,
Mr. and Mrs. T. Boyd Spiller, Chapel Hill, NC
Ms. Margie C. Spivey, Pittsboro, NC
Mr. Robert G. Spratt, Jr., Charlotte, NC
Mr. Robert W. Sprenger, Chapel Hill, NC
Spruce Pine Jaycees, Spruce Pine, NC
Dr. James H. Spruill, Jr., Jackson, TN
Mr. and Mrs. William M. Spurrier, Charlotte, NC
Square D. Company, Charlotte, NC
Mr. Geoffrey M. St. J. Hoare, Alexandria, VA
St. Pauls Jaycees, St. Pauls, NC
St. Timothy's Episcopal Church, Raleigh, NC
Dr. Edward V. Staab, Gainesville, FL
Dr. Brian Stabler, Chapel Hill, NC
The Stackhouse Foundation, Inc., Morehead City, NC
*Stackhouse, Incorporated, Goldsboro, NC
Dr. Robyn Stacy-Humphries, Silver Spring, MD
Mrs. LeRoy Stadler, Greensboro, NC
Dr. W. R. Stafford, Jr., Greensboro, NC
Mr. Edward R. Stahl, Jr., Raleigh, NC
Capt. and Mrs. Lawrence E. Stahl, Gulfstream, FL
Ms. Billie J. Stallings, Rocky Mount, NC
Mrs. Elizabeth Stallings, Spindale, NC
Mr. Rick Stallings, Carrboro, NC
Ms. Sarah Stallings, Spindale, NC
Ms. Isabelle P. Stamets, Randleman, NC
Ms. Shannon M. Stamper, Davidson, NC
Ms. Grace S. Stanback, Wadesboro, NC
Mr. Amos W. Stanfield, Mebane, NC
Dr. Howard Jay Stang, Saint Paul, MN
Dr. Michael Andrew Stang, Pikesville, MD
Dr. John H. Stanley, Wilmington, NC
Mr. and Mrs. Larry D. Stanley, Chapel Hill, NC
Dr. Ronald J. Stanley, Boone, NC
Mr. William L. Stark, Henderson, NC
Mr. and Mrs. Byron Starnes, High Point, NC
Dr. Henry Frank Starr, Jr., Greensboro, NC
Ms. Helen R. Starritt, Raleigh, NC
State Volunteer Mutual Insurance Company, Brentwood, TN
Statesville Fire Department, Statesville, NC
Mr. R. H. Staton, Bethel, NC
Mr. James S. Steadman, Durham, NC
Ms. Ann F. Steagall, Durham, NC
Ms. Eugenia R. Steck, Raleigh, NC
Dr. George Horace Steele, Jr., Chapel Hill, NC
Ms. Olive R. Steele, Carrboro, NC
Dr. Walter F. Steele, Valdese, NC
Dr. Walter Judson Steele, Charlotte, NC
Mr. and Mrs. William L. Steele, III, Charlotte, NC
*Dr. Sanford L. Steelman, Hickory, NC
Mr. Raymond S. Steiber, Cary, NC
Mr. and Mrs. Alan Steigrod, Raleigh, NC
Ms. Blanche Steiner, Tamarac, FL
Mr. and Mrs. Jack Steinhausen, Greensboro, NC
Dr. Otto Selick Steinreich, Akron, OH
Mr. Eric S. Stem, Chapel Hill, NC
Ms. Betty B. Stephen, Raleigh, NC

Ms. Eloise D. Stephens, Raleigh, NC
Mr. and Mrs. John F. Stephens, Carrboro, NC
Dr. Henry L. Stephenson, Jr., Washington, NC
Dr. Sharon R. Stephenson, Cary, NC
Mr. and Mrs. Arthur C. Stern, Chapel Hill, NC
Mr. Paul Stessel, Chapel Hill, NC
Mrs. Beverley Pate Stevens, Greenville, NC
Dr. and Mrs. Elliott Walker Stevens, Jr., Greensboro, NC
Ms. Holly A. Stevens, Chapel Hill, NC
Mrs. Ann T. Stevenson, Charlotte, NC
Ms. Corinne P. Stevenson, Bennettsville, SC
Dr. Emmett Fitzgerald Steward, Chapel Hill, NC
Mr. and Mrs. Grant M. Stewart, Winston-Salem, NC
Mr. Paul Sticht, Winston-Salem, NC
Ms. Marsha McCoy Stiegel, Charlotte, NC
Dr. Robert Mark Stiegel, Charlotte, NC
Dr. Jean R. Stifler, Chapel Hill, NC
Dr. Alan Davis Stiles, Carrboro, NC
Bud Stilley and Associates, Inc., New Bern, NC
Mrs. Diane W. Stocker, Charlotte, NC
Mr. and Mrs. William L. Stocks, Greensboro, NC
Mr. and Mrs. H. C. Stokes, Jr., Hertford, NC
Mr. John W. Stokes, Hillsborough, NC
Stokesdale Fire Department, Stokesdale, NC
Mr. Walter J. Stone, Sanford, NC
Mr. Warren G. Stone, Raleigh, NC
Dr. Robert Edwards Stone, Evanston, IL
Ms. Kitty B. Storrs, Charlotte, NC
Dr. W. Robert Story, Charlotte, NC
Mr. Dale O. Stouch, Jr., Durham, NC
Mr. and Mrs. Harry Stovall, Jr., Wilmington, NC
Mr. James E. Stovall, Roxboro, NC
Mr. and Mrs. Walter Strand, III, Greensboro, NC
Dr. Gregory Strayhorn, Chapel Hill, NC
Dr. Murdo Eugene Street, Jr., Glendon, NC
Dr. George Stewart Stretcher, Spartanburg, SC
Mr. and Mrs. E. A. Strickland, New Bern, NC
Mr. and Mrs. James R. Strickland, Jr., Durham, NC
Mr. John C. Strickland, Goldsboro, NC
Mr. and Mrs. Millard Strickland, Clinton, NC
Dr. Alva L. Strickland, Spartanburg, SC
Mr. Raymond E. Strong, Chapel Hill, NC
Dr. David Garrison Stroup, Atlanta, GA
Dr. Williamson Beasley Strum, La Jolla, CA
Ms. Cathy Rosenthal Stuart, Raleigh, NC
Student Activities Fund, Chapel Hill, NC
Dr. Richard Clark Stuntz, Jr., Charlotte, NC
Dr. Jan Suberman, Chapel Hill, NC
Dr. Rick I. Suberman, Chapel Hill, NC
Ms. Carolyn Sublett, Durham, NC
Mr. Maxey E. Such, Jr., Sanford, NC
Dr. and Mrs. Samuel Sue, Jr., Greensboro, NC
Mr. and Mrs. Bobby C. Suggs, Thomasville, NC
Dr. Paul B. Suh, Durham, NC
Ms. Dorothy A. Sullivan, McBee, SC
Mr. and Mrs. James H. Sullivan, Kenly, NC
Mr. John Thomas Sullivan, Charlotte, NC
Mr. Matthew Sullivan, Chapel Hill, NC
Ms. Rebecca A. Summerford, Raleigh, NC
Dr. Robert L. Summerlin, Jr., Dublin, NC
Mr. Harold T. Sumner, Gastonia, NC
Surfside Garden Club, Morehead City, NC
Mrs. Beatrice A. Surratt, Pleasant Garden, NC
Dr. John P. Surratt, Clinton, NC
The Surtman Foundation, Charlotte, NC
Dr. Thomas Cornelius Suther, Jr., Jackson Springs, NC
Mr. Claude S. Sutton, Sr., Greensboro, NC
Mr. Julius Sutton, Warsaw, NC
Ms. Lucille H. Sutton, Seven Springs, NC
Dr. Sidney A. Sutton, Pageland, SC
Dr. William Roger Sutton, Charleston, SC
Dr. Margery Sue Sved, Durham, NC
Mrs. Benjamin Swalin, Chapel Hill, NC
Dr. Elizabeth Swallow, Harrisonburg, VA
Mr. and Mrs. John W. Swann, Sr., Blanche, NC
Mr. and Mrs. Oscar T. Swanson, Chapel Hill, NC
Mr. C.T. Swaringen, Jr., Fayetteville, NC
Mrs. Sam Swartz, Salisbury, NC
Dr. Charlotte A. Sweeney, Raleigh, NC
Dr. Edger Chew Sweeney, Jr., Charlotte, NC
Ms. Barbara Ann Sweet, Valencia, CA
Mrs. Henry L. Sweezy, Chapel Hill, NC
Mrs. Richard Sydnor, Henderson, NC
Ms. Eleanor L. Sykes, Raleigh, NC
Ms. Thelma D. Sykes, Rocky Mount, NC
Dr. Stuart Tafeen, Greensboro, NC
Tallahassee Ear Nose and Throat, Tallahassee, FL
Dr. Lee B. Talner, La Jolla, CA
Mr. and Mrs. Ryland Tankard, Washington, NC
Dr. James M. Tanner, Houston, TX
Mr. and Mrs. James T. Tanner, Rutherfordton, NC
Tar Heel Sertoma Club, Carrboro, NC
Tar River Jaycees, Inc., Rocky Mount, NC
Mr. Blase J. Tarentino, Utica, NY
Ms. Lucinda Tibbets Tarleton, Rancho Mirage, CA
Mr. and Mrs. William G. Tarrant, Jr., Raleigh, NC
Mr. and Mrs. Joe Tate, Mebane, NC
Mr. and Mrs. John U. Tate, Jr., Raleigh, NC
Dr. Allen D. Tate, Jr., Burlington, NC
Dr. Denny Cook Tate, Burlington, NC
Dr. James Tauber, Rocky Hill, CT
Dr. and Mrs. Dave Tayloe, Washington, NC
Dr. David Thomas Tayloe, Jr., Goldsboro, NC
Dr. David T. Tayloe, Sr., Washington, NC
Dr. John Cotten Tayloe, New Bern, NC
Dr. and Mrs. Joshua Tayloe, Washington, NC
Mr. and Mrs. Billie Taylor, New Bern, NC
Mr. and Mrs. Caswell Taylor, Jr., Gastonia, NC
Mrs. Erma B. Taylor, Williamston, NC
Mr. Gerald B. Taylor, Chapel Hill, NC
Ms. Helen Katherine Taylor, Williamston, NC
The Hon. and Mrs. H. P. Taylor, Jr., Wadesboro, NC
Ms. Jean C. Taylor, Fairmont, NC
Dr. Jean Gregory Taylor, Greensboro, NC
Mr. and Mrs. John R. Taylor, Jr., Greensboro, NC
Mrs. Joseph G. Taylor, New Bern, NC
Dr. Lesli A. Taylor, Chapel Hill, NC
Ms. Melinda Taylor, Carrboro, NC
Ms. Minnie H. Taylor, Pollocksville, NC
Mr. and Mrs. R. B. Taylor, Greensboro, NC
Mr. and Mrs. Robert Taylor, Jr., Greensboro, NC
Dr. Shahane R. Taylor, Jr., Greensboro, NC
Dr. Thomas J. Taylor, Roanoke Rapids, NC
Taylortown Jaycees, Pinehurst, NC
Dr. Nancy Lee Teaff, Charlotte, NC
Mr. Charles B. Teague, Carrboro, NC
Ms. Mary J. Teague, Chapel Hill, NC
Mr. and Mrs. Sam F. Teague, Morganton, NC
Mr. and Mrs. William Teague, Raleigh, NC
Mr. and Mrs. Donn M. Tee, Pittsboro, NC
Mr. and Mrs. Dillard Teer, Durham, NC
Dr. R. H. Temple, Jr., Wilmington, NC
Mr. and Mrs. Joel E. Tepper, Chapel Hill, NC
Mr. and Mrs. Edward Terrell, Raleigh, NC
Mr. and Mrs. Simon F. Terrell, Chapel Hill, NC
Ms. Nannie T. Terry, Henderson, NC
Mr. Joseph S. Tezza, Pittsboro, NC
Mr. and Mrs. Tony E. Tharrington, Raleigh, NC
Dr. F. Ray Thigpen, Whiteville, NC
Dr. Ben David Thomas, Jr., Atlanta, GA
Mrs. Betty Dorton Thomas, Concord, NC
Dr. Carolyn R. Thomas, Durham, NC
Mr. and Mrs. Cecil Thomas, Broadway, NC
Dr. and Mrs. Colin G. Thomas, Jr., Chapel Hill, NC
Ms. Frances R. Thomas, Durham, NC
Mr. and Mrs. Freeman Thomas, Sanford, NC
Dr. and Mrs. Henry F. Thomas, Jr., Gastonia, NC
Dr. Henry Clayton Thomason, Jr., Gastonia, NC
Mr. Allan Thompson, Rutherfordton, NC
Dr. B. Everett Thompson, Jr., Cary, NC
Mrs. Cordelia Gant Thompson, Charlotte, NC
Ms. Eula M. Thompson, High Point, NC
Mr. George Clark Thompson, Pittsboro, NC
Mrs. Grace A. Thompson, Burlington, NC
Mr. James A. Thompson, Chapel Hill, NC
Ms. Louise S. Thompson, Charlotte, NC
Ms. Mary Lou Thompson, Chapel Hill, NC
Mr. Neil H. Thompson, Jacksonville, NC
Mr. and Mrs. Russell A. Thompson, Jr., Wilson, NC
Dr. Shirley Thompson, Baltimore, MD
Ms. Sue W. Thompson, Emerald Isle, NC
Mr. and Mrs. Robert P. Thorne, Littleton, NC
Dr. James H. M. Thorp, Rocky Mount, NC
Ms. Vivian C. Thorp, Waynesville, NC
Dr. Parlyn D. Thurman, Silver Springs, MD
***Mr. D. J. Thurston, III, Charlotte, NC**
***Mr. and Mrs. D. J. Thurston, Jr., Charlotte, NC**
Mr. and Mrs. James L. Tillery, Roanoke Rapids, NC
Dr. Charles Walter Tillett, Jr., Charlotte, NC
Dr. Donna Way Tilson, Louisville, KY
Ms. Hilary H. Timmis, Carrboro, NC
Dr. Donald J. Tindall, Rochester, MN
Mr. William F. Tipton, Elon College, NC
Ms. Kimberly C. Titmus, Raleigh, NC
The Titmus Foundation, Inc., Sutherland, VA
Ms. Rebecca B. Tobin, Chapel Hill, NC
Ms. Juanita Todd, Chapel Hill, NC
Mr. Robert E. Todd, Pittsboro, NC
Ms. Gwendolyn Todd-Jones, Charleston, SC
Mr. Edi Toholske, Coconut Creek, FL
Ms. Anne B. Tomlinson, Charlotte, NC
***Mr. and Mrs. Lawrence Tomlinson, Jr., Charlotte, NC**
Ms. Leslie C. Tompkins, Charlotte, NC
Ms. Edna P. Toney, Louisburg, NC
Dr. Arthur Fulkerson Toole, Talladega, AL
Dr. Svein U. Toverud, Chapel Hill, NC
Town and Country Cloggers, Greensboro, NC
Mr. Allen B. Townsend, Lumberton, NC
Mr. John L. Townsend, III, New York, NY
Dr. and Mrs. Murphy F. Townsend, Greensboro, NC
Mrs. Elizabeth M. Trafton, Raleigh, NC
Mr. and Mrs. C. Heide Trask, Jr., Wilmington, NC
Mr. and Mrs. Richard P. Trego, Chapel Hill, NC
Ms. Grevilda Trembly, Henderson, NC
Mark & Sue Trembly's Bible Study, Durham, NC
Mrs. Emma Treml, Chapel Hill, NC
Ms. Shelley Ann Tretter, Columbus, OH
Tri City Jaycees, Eden, NC
Ms. Patricia A. Tripodi, Chapel Hill, NC
Dr. Michael D. Tripp, Greenville, NC
Dr. Stephen B. Trippel, Auburndale, MA
Ms. Laura Harris Trogdon, Asheboro, NC
Mr. and Mrs. Jenkins Bagby Trotter, Charlotte, NC
Dr. Belk Connor Troutman, Grifton, NC
Mrs. Edward Albert Try, Charlotte, NC
Dr. Amy Hair Tucker, Charlottesville, VA
Dr. F. Charles Tucker, Jr., Pensacola, FL
Dr. and Mrs. G. R. Tucker, Jr., Henderson, NC
Rev. and Mrs. Leslie C. Tucker, Jr., Belmont, NC
Mrs. Lou H. Tucker, Greensboro, NC
Mrs. Russell Tucker, Greensboro, NC
Dr. W. Beverly Tucker, Henderson, NC
Mr. and Mrs. Douglas B. Tully, Raleigh, NC
Dr. Frederick Lionel Tunick, Neponsit, NY
Mr. James R. Turner, Chapel Hill, NC
Dr. L. John Turner, Warrenton, VA
Ms. Lucile Turner, Chapel Hill, NC
Dr. and Mrs. W. Harrison Turner, Greensboro, NC
Mr. and Mrs. William N. Turpin, Edenton, NC
Dr. Deborah Lauth Tussing, Annapolis, MD
Dr. Henry P. Tutt, Lexington, KY
Ms. Johnna M. Tuttle, Chapel Hill, NC
Dr. Thomas P.H. Twaddell, Chapel Hill, NC
Mr. and Mrs. Curtis A. Twiddy, Raleigh, NC
Mr. Russell E. Twiford, Elizabeth City, NC
Mr. and Mrs. H. L. Tyler, Gates, NC
Mr. and Mrs. Robert Tyndall, Washington, NC
Dr. Anne Guerci Tyson, Penn Valley, PA
***Dr. L. Arlie Ulland, Ocala, FL**
Mr. and Mrs. F. Boyd Ulrich, Newark, IL
Dr. Martin H. Ulshen, Chapel Hill, NC

UNC Olde Campus Residence College, Chapel Hill, NC
Dr. Thurlow Reed Underhill, New Bern, NC
Ms. Carol Underwood, Raleigh, NC
Underwood School PTA, Raleigh, NC
University Presbyterian Church, Chapel Hill, NC
University United Methodist Church, Chapel Hill, NC
Ms. Annie E. Upchurch, Raleigh, NC
Mr. Robert W. Upchurch, Raleigh, NC
Mr. and Mrs. Dan W. Uzzle, Chapel Hill, NC
Dr. Paul A. Vadnais, Charlotte, NC
Ms. Penny L. Vagle, Raleigh, NC
Dr. James A. Valone, Raleigh, NC
Ms. Helen Valvo, Pinehurst, NC
Mr. and Mrs. L.F. Van Coutren, Chapel Hill, NC
Dr. and Mrs. J. Leo Van den Brande, The Netherlands
Dr. Charles Van Der Horst, Chapel Hill, NC
Dr. J. Peter Van Dorsten, Richmond, VA
***Philip L. Van Every Foundation, Charlotte, NC**
Mr. Donald C. Van Gerlder, Vestal, NY
Ms. Elizabeth L. Van Laan, Chico, CA
Mrs. Donnell Van Noppen, Morganton, NC
Dr. Eric David Van Tassel, Asheville, NC
Dr. Judson J. Van Wyk, Chapel Hill, NC
Dr. and Mrs. Michael J. VandeHaar, Holt, MI
Dr. and Mrs. Willard P. VanderLaan, La Jolla, CA
Dr. H. Mac Vandiviere, Lancaster, KY
Dr. Mahesh Varia, Chapel Hill, NC
Mrs. Marie L. Vassallo, Raleigh, NC
Dr. John Walter Vassey, Raleigh, NC
Ms. Isabelle F. Vatz, New Bern, NC
Dr. Robert W. Vaughan, Chapel Hill, NC
Dr. W. Hunter Vaughan, Steubenville, OH
Mrs. Emma Vaughn, High Point, NC
Mr. Eugene W. Vaughn, Fayetteville, NC
Mr. and Mrs. Stuart Vaughn, Winston-Salem, NC
Dr. Laura Ross Venning, Chapel Hill, NC
Dr. and Mrs. George C. Venters, Raleigh, NC
Mr. and Mrs. J. Michael Verbic, Raleigh, NC
Dr. Charles R. Vernon, Wilmington, NC
Ms. Nancy Vernon, Chapel Hill, NC
V.F.W. Ladies Auxillary, Post 6060, Elizabeth City, NC
V.F.W. Ladies Auxillary, Elkin, NC
Col. Roy L. Vick, (Ret.) Goldsboro, NC
Dr. Cheryl A. Viglione, Greensboro, NC
Village Companies Foundation, Inc., Chapel Hill, NC
The Village Companies, Chapel Hill, NC
Ms. Frances P. Vinroot, Mooresville, NC
Dr. Paul Edward Viser, Clinton, NC
Dr. and Mrs. David H. Viskochil, Salt Lake City, UT
Dr. Mark Michael Vogelhut, Tallahassee, FL
Col. and Mrs. James B. Vogler, Jr., Raleigh, NC
Dr. Ward Landis Voigt, Edenton, NC
Voiture 1266 40-8 Orange Co., Chapel Hill, NC
Mrs. Lucy C. Voliva, High Point, NC
Mr. and Mrs. H. M. Von Oesen, Wilson, NC
Dr. Mary L. Voorhess, Buffalo, NY
Mr. and Mrs. Henry J. Vroom, Emerald Isle, NC
Mr. and Mrs. F. J. Wachs, Pittsboro, NC
Dr. Deborah Timmons Wadsworth, Columbia Heights, MN
Mr. Julian D. Wagemaker, New Bern, NC
Dr. Gerald Max Wagger, Palo Alto, CA
Miss Annie Mae Wagoner, Greensboro, NC
Dr. David Kirk Wagoner, Charlotte, NC
Mr. and Mrs. McNeill Wagoner, High Point, NC
Dr. George H. Wahl, Jr., Raleigh, NC
Dr. Robert Alan Wainer, Greensboro, NC
Mr. Yasuo Wakabayashi, Kyoto, Japan
Wake Dialysis Clinic, Raleigh, NC
Wake Medical Center, Raleigh, NC
Wake-New Hope Fire Department, Raleigh, NC
Wake Stone Corporation, Knightdale, NC
Mr. and Mrs. R. N. Walden, Laurinburg, NC
Ms. Paige C. Walend, Chapel Hill, NC
Mr. Henry T. Walke, Jr., Durham, NC
Ms. Mary Jane Walker, Mebane, NC
Mr. and Mrs. Roy E. Walker, Whiteville, NC
The Hon. and Mrs. Russell G. Walker, Asheboro, NC
Mr. William Walker, Pittsboro, NC
Dr. Dewey Dance Walker, Denver, CO
Dr. Edwin Lance Walker, Littleton, CO
Ms. Lorene B. Walker, Asheboro, NC
Mr. Richard Isley Walker, Chapel Hill, NC
Dr. William Alfred Walker, Charlotte, NC
Dr. Ralph Lane Wall, Jr., Winston-Salem, NC
Dr. James Grier Wall, San Antonio, TX
Dr. James H. Wall, Brunswick, ME
Dr. William S. Wall, Rocky Mount, NC
Mr. Advil M. Wallace, Clarkton, NC
Mr. Edward L. Wallace, Mt. Holly, NC
Mr. and Mrs. Steven D. Wallace, Chapel Hill, NC
Dr. Maxine Dark Wallace, Oakland, CA
Mr. and Mrs. James W. Waller, Durham, NC
Ms. Judith Waller, Annandale, VA
Ms. Martha K. Walston, Wilson, NC
Dr. and Mrs. Bradford B. Walters, Chapel Hill, NC
Dr. Ronald Martin Walters, Whiteville, NC
Dr. J. Byron Walthall, Jr., Charlotte, NC
Dr. Robert R. Walther, New York, NY
Mr. L. Graham Walton, Sr., Whiteville, NC
Dr. Leslie A. Walton, Durham, NC
Mr. and Mrs. James F. Walton, Sr., Albemarle, NC
Dr. Bennie B. Ward, Shallotte, NC
Mr. B. Thomas Ward, Jr., Greensboro, NC
Ms. Janice Ward, Hillsborough, NC
Mrs. J. W. Ward, Woodleaf, NC
Ms. Louise M. Ward, Chapel Hill, NC
Senator and Mrs. Marvin Ward, Winston-Salem, NC
Dr. Bennie Brooks Ward, Challotte, NC
Dr. Michael Mundy Ward, Wilmington, NC
Mr. and Mrs. William T. Warmath, Henderson, NC
Mr. John T. Warmath, Jr., Greensboro, NC
Mr. Joseph Warren, III, Charlotte, NC
Mr. Miller Warren, Plymouth, NC
Ms. Rachel T. Warren, Wadesboro, NC
Mrs. Rebecca D. Warren, Chapel Hill, NC
Warren County Jaycees, Warrenton, NC
Warsaw Jaycees, Warsaw, NC
Dr. David Mitchell Warshauer, Chapel Hill, NC
Dr. David B. Washburn, Durham, NC
Mr. and Mrs. Thoams D. Wason, Raleigh, NC
Ms. Kathy L. Waters, Durham, NC
Ms. N. Diane Waters, Chapel Hill, NC
Dr. Carlton Gunter Watkins, Charlotte, NC
Ms. Lois U. Watlington, Greensboro, NC
Mr. George D. Watrous, Sanford, NC
Mrs. Craig Watson, Gastonia, NC
Dr. Charles B. Watson, Easton, CT
Mr. and Mrs. Donald R. Watson, Wilmington, NC
Ms. Jennie Craig Watson, Gastonia, NC
Mrs. Larry Watson, Wilson, NC
Ms. Mary V. Watson, Austin, TX
Mr. and Mrs. R. N. Watson, Newell, NC
Dr. William James Watson, Chapel Hill, NC
Dr. Nelson Barnett Watts, Atlanta, GA
Wayne Foundation, Inc., Goldsboro, NC
Ms. Betty Waynick, Carrboro, NC
Mrs. Elizabeth N. Weatherford, Durham, NC
Mr. Wade S. Weatherford, Jr., Gaffney, SC
Col. and Mrs. Abbott C. Weatherly, New Bern, NC
Dr. and Mrs. William Jesse Weatherly, Greensboro, NC
Ms. Christina R. Weatherspoon, Charlotte, NC
Mr. Michael Weaver, Greenville, NC
Mr. Norman L. Weaver, Chapel Hill, NC
Dr. Zebulon Weaver, III, Asheville, NC
Mrs. Homer W. Webb, Chapel Hill, NC
Dr. and Mrs. William W. Webb, Jr., Salisbury, NC
***Dr. and Mrs. R. Kent Webb, Fayetteville, NC**
Mr. Brian R. Webster, Chapel Hill, NC
Mr. and Mrs. Terrell Webster, Southern Pines, NC
Mr. Thomas L. Weekman, Raleigh, NC
Mr. F. W. Weeks, Goldsboro, NC
Dr. Paul M. Weeks, Clayton, MO
Mr. and Mrs. Arnold G. Wehmann, West End, NC
Mr. and Mrs. Robert F. Weickert, Chapel Hill, NC
Dr. Mark T. Weigel, Charlotte, NC
Dr. Terry Stuart Weiner, Schenectady, NY
Dr. Leo G. Weishaar, Jr., Littleton, NC
Mr. and Mrs. Ed Weisiger, Charlotte, NC
Dr. Charles Harris Weiss, Newton, MA
Dr. and Mrs. James Weissman, Greensboro, NC
Dr. Earl Parks Welch, Jr., Winston-Salem, NC
Mr. George C. Welch, High Point, NC
Dr. and Mrs. Jack Welch, Greenville, NC
Ms. Louise L. Welch, Washington, NC
Dr. Virginia V. Weldon, St. Louis, MO
Mrs. Beatrice R. Wells, Asheville, NC
Mr. David Wells, Cedar Grove, NC
Dr. Donn A. Wells, Fort Lauderdale, FL
Dr. J. R. Wells, Pittsboro, NC
Mr. Lavern M. Wells, Charlotte, NC
Mr. R. D. Welshmer, Chapel Hill, NC
Dr. Mary Ann Groce Welt, Johnson City, TN
Mr. and Mrs. Lee D. West, Raleigh, NC
Dr. Robert Lee West, Greenville, NC
Mr. William R. West, Burlington, NC
Mr. Walter Westafer, Elon College, NC
Dr. John Michael Westafer, Gulf Breeze, FL
Ms. Beatrice Westbrook, Charlotte, NC
William R. Westerkam, Carrboro, NC
Western Wake Jaycees, Cary, NC
Dr. Lorna Ann Westfall, Greensboro, NC
Mr. and Mrs. J. Westmoreland, II, Chapel Hill, NC
Mr. D. G. Wetherbee, Chapel Hill, NC
Dr. John Edwin Weyher, Jr., Topsail Beach, NC
Mr. John S. Wharton, Goldsboro, NC
Mr. Elwood C. Wheat, Chapel Hill, NC
The Wheat Foundation, Richmond, VA
Mr. and Mrs. Moses Paran Wheeler, Orlando, FL
Dr. James Hubert Whicker, Raleigh, NC
Dr. William Howard Whisnant, Bristol, TN
Mr. and Mrs. H. Whitaker, Raleigh, NC
Ms. Irene H. Whitaker, New Bern, NC
Dr. J. Allen Whitaker, III, Wilson, NC
Dr. James Allen Whitaker, Rocky Mount, NC
Mr. C. Raymond White, Elizabethtown, NC
Ms. Carolyn R. White, Hillsborough, NC
Dr. Franklin Delano White, Siler City, NC
Dr. James Grady White, Ormond Beach, FL
Dr. Lena Katherine White, Charlotte, NC
Mrs. Mary Council White, Durham, NC
Mr. and Mrs. Montgomery White, Jr., Raleigh, NC
Dr. Mack Willis White, III, Charlotte, NC
Dr. and Mrs. Steven M. White, Greenville, NC
Mr. and Mrs. Sydnor M. White, Sr., Raleigh, NC
Mr. William C. White, Taylorsville, NC
Mr. and Mrs. Wilham White, Raleigh, NC
Dr. William Wallace White, Cincinnati, OH
Mr. and Mrs. Clarence Whitefield, Chapel Hill, NC
Whitehall Shop, Chapel Hill, NC
Mr. Robert E. Whitener, Battleboro, NC
Whiteville Jaycees, Whiteville, NC
Dr. Donald Phillip Whitley, Richmond, VA
Mr. and Mrs. Dudley Whitley, Littleton, NC
Mr. Eric A. Whitsel, Chapel Hill, NC
Mr. Joe Whitted, Hillsborough, NC
Mr. and Mrs. James G. Whitton, Salisbury, NC
Dr. C. Phillip Whitworth, Forest City, NC
Ms. Evelyn B. Wicker, Durham, NC
Dr. Robert S. Wicksman, Williamstown, MA
Mr. Frederick G. Wiegand, Raleigh, NC
Mr. Oris P. Wiggins, Ahoskie, NC
Ms. Rita Sue Wiggs, Fayetteville, NC
Mr. and Mrs. Allen J. Wilcox, Durham, NC
Mrs. Lucinda H. and Dr. Benson R. Wilcox, Chapel Hill, NC
Mr. and Mrs. Billy Wiley, Washington, NC
Ms. Sara Gray Wiley, Durham, NC
Mr. and Mrs. Alexander M. Wilgus, Chapel Hill, NC
Dr. Annie Louise Wilkerson, Raleigh, NC
Mr. Donald M. Wilkerson, Winterville, NC
Dr. Jack Winfield Wilkerson, Greenville, NC
Wilkes Community College, Wilkesboro, NC
Wilkes Rescue Squad, Inc., North Wilkesboro, NC

Ms. Amy B. Wilkins, Chapel Hill, NC
Dr. Kenneth W. Wilkins, Goldsboro, NC
Dr. John Ross Wilkinson, Jr., Fayetteville, NC
Mr. and Mrs. W. Ray Wilkinson, Mount Ulla, NC
Dr. and Mrs. Barton G. Williams, Augusta, GA
Mr. Ben Williams, Wilson, NC
Mr. and Mrs. Clyde Williams, Camden, SC
Dr. Daniel Walter Williams, III, Raleigh, NC
Mr. and Mrs. David A. Williams, Wake Forest, NC
Dr. David R. Williams, Thomasville, NC
Mrs. Effie H. Williams, Chapel Hill, NC
Ms. Elizabeth Taylor Williams, Winston-Salem, NC
Mr. and Mrs. James Williams, Jr., Greensboro, NC
Ms. Jean C. Williams, Nashville, TN
Mr. Johnathan D. Williams, Gastonia, NC
Ms. Judy Williams, Raleigh, NC
Mr. Paul F. Williams, Raleigh, NC
Mrs. Princess S. Williams, Durham, NC
Mr. Robert H. Williams, Hendersonville, NC
Ms. Robin E. Williams, Hillsborough, NC
Mr. and Mrs. Steven G. Williams, Cary, NC
Mr. Wayne A. Williams, Cary, NC
Dr. Edward S. Williams, Jr., Durham, NC
Dr. Russell Everett Williams, Jr., Wichita Falls, TX
Dr. David Robert Williams, Thomasville, NC
Dr. John Howard Williams, Raleigh, NC
Dr. Johnathan Deleon Williams, Gastonia, NC
Dr. Kenan B. Williams, Sanford, NC
Dr. Randall Williams, Raleigh, NC
Dr. Robert D. Williams, Asheville, NC
Dr. Willis H. Williams, Atlanta, GA
Williams & Haywood, Raleigh, NC
Mr. Bruce B. Williamson, Jr., Raleigh, NC
Mr. Ernest W. Williamson, Chapel Hill, NC
Dr. Margaret E. Williford, Durham, NC
Mr. Meade H. Willis, Jr., Winston-Salem, NC
Ms. Catherine A. Wills, Charlotte, NC
Mr. Matthew J. Wills, Chapel Hill, NC
Mr. and Mrs. Gary W. Wills, II, Raleigh, NC
Dr. Charles F. Willson, Greenville, NC
Wilmington Jaycees, Wilmington, NC
Wilmington Shipping Company, Wilmington, NC
Mr. and Mrs. Sari Wilner, East Rockaway, NY
Dr. and Mrs. Charles Wilson, Greensboro, NC
Mr. C. T. Wilson, Durham, NC
Dr. Clarence L. Wilson, II, Wilmington, NC
Mrs. Earl Wilson, Lumberton, NC
Dr. Fred Henry Wilson, Greensboro, NC
Mr. George D. Wilson, Fayetteville, NC
Mr. and Mrs. Hugh E. Wilson, Jr., Burlington, NC
Mr. and Mrs. James Wilson, Jr., Gastonia, NC
Mrs. Janis L. Wilson, Charlotte, NC
Mrs. Judith C. Wilson, High Point, NC
Ms. Marion Heaton Wilson, Chapel Hill, NC
Mr. and Mrs. Marvin Wilson, Jr., Raleigh, NC
Dr. S. Glenn Wilson, Sr., Angier, NC
Ms. Suzi Wilson, Chapel Hill, NC
Dr. William Grady Wilson, Charlottesville, VA
Mr. William T. Wilson, Jr., Sanford, NC
Mrs. Teresa H. Wimbrow, Henderson, NC
Mr. and Mrs. S. Winborne, Jr., Wilmington, NC
Ms. Kim C. Windley, Chapel Hill, NC
Ms. Rosa Winfree, New Bern, NC
Dr. Richard Lee Wing, Charlotte, NC
Dr. William Winkenwerder, Jr., Atlanta, GA
Dr. James E. Winslow, Jr., Roxboro, NC
Mrs. James E. Winstead, Elm City, NC
Winston-Salem Jaycees, Winston-Salem, NC
Dr. and Mrs. Kenneth H. Winter, Greensboro, NC
Mr. and Mrs. Carmi E. Winters, New Bern, NC
Mr. Michael Wirth, Lexington, KY
Mr. and Mrs. A. L. Wise, Greensboro, NC
Reverend Lisa R. Withrow, Glasgow G13 1TR
Dr. Jerry Wayne Withrow, Charlotte, NC
Ms. Margaret I. Wittman, Durham, NC
Mr. and Mrs. D. H. Wolfe, Jr., Charlotte, NC
Dr. A. Donald Wolff, Charleston, WV
Mr. and Mrs. William K. Woltz, Mount Airy, NC
Ms. Belinda C. Womack , Raleigh, NC
Mr. and Mrs. Edward S. Womack, Clayton, NC
The Woman's Club of Raleigh, Inc., Raleigh, NC
Mr. Harry G. Womble, White Lake, NC
Mr. and Mrs. John Romie Womble, Goldston, NC
Women's Basketball Coaches Association, Atlanta, GA
Women's Community College, Goldsboro, NC
Mr. and Mrs. John Gilliam Wood, III, Edenton, NC
Ms. Mary C. Wood, Wadesboro, NC
Miss Mary C. Woodard, Greensboro, NC
Dr. William Banister Wood, Chapel Hill, NC
Ms. Alyne K. Woodall, Goldsboro, NC
Dr. Leonard S. Woodall, Smithfield, NC
Dr. Warden L. Woodard, III, Charlotte, NC
Dr. and Mrs. Jerry C. Woodard, Wilson, NC
***Mr. Louie E. Woodbury, Jr., Wilmington, NC**
Mr. Neil M. Woodcock, Atkinson, NC
Dr. David T. Woodley, Stanford, CA
***Dr. Norman Francis Woodlief, Cedar Falls, IA**
Mr. and Mrs. F. S. Woodruff, New Bern, NC
Dr. Jon Pointon Woods, St. Louis, MO
Ms. Judity R. Woody, Towson, MD
Mr. and Mrs. John H. Woolard, Kill Devil Hills, NC
Dr. and Mrs. John T. Woosley, Chapel Hill, NC
Mr. and Mrs. R. Edward Wooten, Jr., Burlington, NC
Dr. Robin Nathaniel Wooten, Jr., Lakeland, FL
Dr. Thomas C. Worth, Raleigh, NC
Mr. Ford Worthy, Jr., Raleigh, NC
Mr. Manuel D. Wortman, Chapel Hill, NC
Ms. Betsy C. Wright, Chapel Hill, NC
Mr. and Mrs. D. Oliver Wright, Atlanta, GA
Ms. Eleanor L. Wright, Sanford, NC
Mr. and Mrs. J. Hugh Wright, Winston-Salem, NC
Ms. Jill C. Wright, Chapel Hill, NC
Mrs. Marjorie Wright, Elizabeth City, NC
Mr. and Mrs. Ray Wright, Charlotte, NC
Mr. and Mrs. Ronald D. Wright, Charlotte, NC
Mr. and Mrs. Thomas E. Wright, Greensboro, NC
Mr. and Mrs. David Wulfhorst, Denver, NC
Dr. Tonja Michelle Wynn, Atlanta, GA
Ms. Julie L. Wynne, Cary, NC
Mr. Jan Wynolst, Carrboro, NC
Yadkinville Jaycees, Inc., Yadkinville, NC
Dr. Ann Josie Yadusky, Rochester, NY
Yanceyville Road Ladies Auxilary, Reidsville, NC
Mr. Samuel Yard, Smithfield, NC
Mr. and Mrs. W. G. Yates, Mebane, NC
Dr. Terence Tsin Tsu Yen, Indianapolis, IN
Mr. and Mrs. Lloyd Yonce, Chapel Hill, NC
Dr. and Mrs. James D. Yopp, Jr., Winston-Salem, NC
Mr. G. Smedes York, Raleigh, NC
Dr. and Mrs. James York, Jr., Chapel Hill, NC
Mr. Eddie Yost, Greensboro, NC
Mrs. Elizabeth J. Young, Henderson, NC
Dr. David Alexander Young, Raleigh, NC
Dr. Daniel T. Young, Chapel Hill, NC
Mr. and Mrs. J. Blake Young, Jr., Atlanta, GA
Dr. J. Richard Young, Newton Highlands, MA
Dr. John A. Young, II, Charlotte, NC
Ms. June F. Young, Chapel Hill, NC
Dr. and Mrs. Kyle A. Young, Greensboro, NC
Dr. Lawrence I. Young, Hixson, TN
Dr. Paul A. Young, Sumter, SC
Dr. and Mrs. Peter Russell Young, Greensboro, NC
Mr. Samuel J. Young, Greensboro, NC
Dr. and Mrs. William B. Young, Wilson, NC
Dr. James A. Yount, Charlotte, NC
Mr. Frederick K. Yu, Durham, NC
Ms. Kathryn A. Yung, Chapel Hill, NC
Dr. Chen Yung-Ya, Chapel Hill, NC
Ms. Nelia G. Yurcisin, Greensboro, NC
Mr. Edward R. Zane, Greensboro, NC
Mr. and Mrs. David J. Zaterka, Durham, NC
Ms. Celeste M. Zdanski, Cary, NC
Ms. Nannie P. Zealy, Goldsboro, NC
Dr. John V. Zeok, Raleigh, NC
Dr. John W. Zirkle, Jefferson City, TN
Mr. Arthur Zweig, Chapel Hill, NC

Annual Gift Clubs Recognizing Donors of $1,000 or More

CO-FOUNDERS OF EXCELLENCE

Dr. Joseph Patrick Archie, Jr., Raleigh, NC
Ms. Elizabeth A. Armfield, Greensboro, NC
Mr. and Mrs. Nathan M. Ayers, Greensboro, NC
Dr. Haynes Wallace Baird, Greensboro, NC
Mrs. Pauline R. Barrett, Waterloo, IA
Mr. Harold H. Bate, New Bern, NC
Mr. and Mrs. William I. Belk, Charlotte, NC
Ms. Marie W. Blair, Wilson, NC
Mrs. Edward G. Bond, Edenton, NC
Dr. M. D. Bonner, Greensboro, NC
Dr. Paul E. Brown, Hickory, NC
Mr. Joseph M. Bryan, Jr., Greensboro, NC
Mr. Joseph M. Bryan, Sr., Greensboro, NC
Mr. Richard Callicutt, High Point, NC
Mr. Dan D. Cameron, Wilmington, NC
Mrs. Mildred L. Campbell, Pinehurst, NC
The Carter Foundation, Greensboro, NC
Dr. John R. Chambliss, Jr., Rocky Mount, NC
Dr. William S. Cheek, Spartanburg, SC
Dr. Franklin St. Clair Clark, III, Fayetteville, NC
Dr. Charles H. Classen, Jr., Kinston, NC
Mr. and Mrs. L. I. Cohen, Sanford, NC
Mrs. Anne W. Cone, Greensboro, NC
Dr. H. Denniston Crews, Asheville, NC
Mr. and Mrs. J. Slade Crumpton, Durham, NC
Dr. Andrew Davidson, New Bern, NC
Dr. Philip Carl Deaton, Greensboro, NC
The Dickson Foundation, Charlotte, NC
Drexel Heritage Furnishings, Drexel, NC
Dr. Charles H. Edwards, II, Charlotte, NC
Mr. John W. C. Entwistle, Jr., Leawood, KS
Dr. and Mrs. C. Allan Eure, Raleigh, NC
Dr. John T. Evans, Chattanooga, TN
Mrs. Mrs. Oscar R. Ewing, Chapel Hill, NC
Mr. and Mrs. Marshall M. Feaster, Jr., Lake Toxaway, NC
Mrs. Howard Ferguson, Randleman, NC
Mr. John D. Fleming, Smithfield, NC

Dr. J. Thomas Fox, Jr., Charlotte, NC
Dr. Carl A. Furr, Jr., Concord, NC
Mr. Marshall Gilchrist, Charlotte, NC
Mrs. Louise Galloway Glenn, Winston-Salem, NC
Dr. Harold Lacy Godwin, Fayetteville, NC
Drs. Joel S. and Ellen Goodwin, Salisbury, NC
Mr. George W. Goolsby, Jr., Charlotte, NC
Ms. Mary C. Gore, Chapel Hill, NC
Mr. Edward I. Greene, Asheville, NC
Dr. and Mrs. June U. Gunter, Durham, NC
Dr. and Mrs. Bernard Gutterman, Greensboro, NC
Dr. James Grayson Hall, Dobson, NC
Mr. Hampton Industries, Inc., Kinston, NC
Mr. and Mrs. David W. Harris, Charlotte, NC
Mr. J. Frank Harrison, III, Charlotte, NC
Mrs. Phillip Hettleman, New York, NY
Mr. and Mrs. A. L. Hobgood, Jr., Smithfield, NC
Dr. and Mrs. Hampton Hubbard, Clinton, NC
Dr. Joe Paul Hurt, Sylva, NC
Dr. and Mrs. Joseph M. Jenkins, Washington, NC
Mr. and Mrs. James Arthur King, Raleigh, NC
Dr. W. Bryan Latham, Coral Gables, FL
Mrs. MacLean B. Leath, High Point, NC
Dr. Gordon Buck LeGrand, Raleigh, NC
Dr. Richard V. Liles, Jr., Albemarle, NC
Mr. Jack R. Lindley, Burlington, NC
Mr. and Mrs. Hector MacLean, Lumberton, NC
Dr. Edith K. MacRae, Chapel Hill, NC
Dr. J. Tift Mann, III, Raleigh, NC
Dr. W. Benson McCutcheon, Jr., Durham, NC
Miss Clara L. McLean, Pinehurst, NC
Mr. Steve H. Millender, Burlington, NC
Mr. and Mrs. James H. Millis, High Point, NC
Dr. John L. Monroe, Pinehurst, NC
Dr. Arthur Sherman Morris, Jr., Asheville, NC
Mr. and Mrs. C. L. Morton, Jr., Chapel Hill, NC
The Nalle Clinic, Charlotte, NC
Mr. Elmer P. Nance, Lexington, NC
N.C. Foam Industries, Inc., Mount Airy, NC
Mr. and Mrs. Charles S. Norwood, Jr., Goldsboro, NC
Mr. Gregory Peeler, Salisbury, NC
Mr. and Mrs. Hubert J. Philpott, Lexington, NC
Dr. and Mrs. Jerry C. Pickrel, Elizabeth City, NC
Mrs. J. G. Poole, Raleigh, NC
Mrs. Mary Ragsdale, Jamestown, NC
Mr. W. Kenan Rand, Jr., Durham, NC
Mrs. John M. Reeves, Pinehurst, NC
Dr. G. Irvin Richardson, Reidsville, NC
Dr. George Rosser, Charlotte, NC
Dr. W. Ray Samuels, Charlotte, NC
Dr. Roland E. Schneckloth, Reidsville, NC
Dr. George F. Sheldon, Chapel Hill, NC
Dr. Foyell P. Smith, Lexington, NC
Dr. Jerry Edward Smith, Southern Pines, NC
Dr. E. B. Spangler, Greensboro, NC
Dr. James H. Spruill, Jr., Jackson, TN
Capt. Lawrence E. Stahl, Gulfstream, FL
Mrs. Beverley Pate Stevens, Greenville, NC
Mr. John C. Strickland, Goldsboro, NC
Dr. Robert L. Summerlin, Jr., Dublin, NC
Dr. Allen D. Tate, Jr., Burlington, NC
Dr. John Cotten Tayloe, New Bern, NC
Dr. F. Ray Thigpen, Whiteville, NC
Dr. Henry Clayton Thomason, Jr., Gastonia, NC
The Titmus Foundation, Sutherland, VA
Mr. James R. Turner, Chapel Hill, NC
Dr. James A. Valone, Raleigh, NC
Col. and Mrs. James B. Vogler, Jr., Raleigh, NC
Dr. Edwin Lance Walker, Littleton, CO
Wayne Foundation, Inc., Goldsboro, NC
Dr. James Allen Whitaker, Rocky Mount, NC
Dr. Donald Phillip Whitley, Richmond, VA
Dr. Kenneth W. Wilkins, Goldsboro, NC
Mr. Meade H Willis, Jr., Winston-Salem, NC
Dr. James E. Winslow, Jr., Roxboro, NC
Mr. and Mrs. Ronald D. Wright, Charlotte, NC
Mr. Edward R. Zane, Greensboro, NC

LINEBERGER CLUB

Dr. and Mrs. William B. Abernethy, Jr., Gastonia, NC
Akers Foundation, Gastonia, NC
The Emily B. Andrews Foundation, Gastonia, NC
Mr. and Mrs. Shepard Ansley, Atlanta, GA
Mr. and Mrs. Britt Armfield, Greensboro, NC
Ms. Mary Anne Avery, Rocky Mount, NC
Mr. and Mrs. Paul B. Barringer, Weldon, NC
Mr. Harold H. Bate, New Bern, NC
Mr. and Mrs. Herman Bernard, High Point, NC
Dr. and Mrs. Jerry Charles Bernstein, Raleigh, NC
Munroe Best Foundation, Goldsboro, NC
Big Rock Blue Marlin Tournament, Morehead City, NC
Mr. Norman E. Block, Jr., Midlothian, NC
Mr. and Mrs. James Blount, Jr., Raleigh, NC
Mr. and Mrs. B. Mayo Boddie, Rocky Mount, NC
Mr. and Mrs. John T. Bode, Raleigh, NC
Mr. and Mrs. Harry M. Bryant, Sr., Gastonia, NC
Bruce B. Cameron Foundation, Wilmington, NC
Carolina Builders, Raleigh, NC
Mr. Wade Leonard Cavin, Durham, NC
CBS Records Inc., New York, NY
Mr. and Mrs. George H. V. Cecil, Biltmore Forest, NC
CCB Foundation, Durham, NC
Mrs. Harriet Chused, Kinston, NC
Mr. and Mrs. Arthur Clark, Durham, NC
Dr. Henry Toole Clark, Jr., Chapel Hill, NC
Mr. and Mrs. Herman Cone, Jr., Greensboro, NC
Mr. and Mrs. Howard B. Cone, Richmond, VA
Mr. and Mrs. Hall Conley, Marietta, GA
Mr. and Mrs. R. G. Culp, Jr., High Point, NC
Mr. and Mrs. Gordon H. Davis, Chapel Hill, NC
Mr. and Mrs. Arthur S. DeBerry, Durham, NC
C. C. Dickson Co., Charlotte, NC
Mr. and Mrs. Starke Dillard, Raleigh, NC
Mrs. Lydia P. Donnelly, Salisbury, NC
Mr. and Mrs. Tom Efird, Gastonia, NC
Einstein Institute, Inc., Cary, NC
Mr. and Mrs. George Erath, High Point, NC
Family Auto Group, Durham, NC
The Brown F. Finch Foundation, Winston-Salem, NC
The First Union Foundation, Charlotte, NC
Mr. and Mrs. Henry A. Foscue-Deceased, High Point, NC
Mr. and Mrs. James B. Garland, Gastonia, NC
Mr. M. Lee Garrison, Charlotte, NC
Mr. and Mrs. William E. Garwood, Haddonfield, NJ
Glaxo, Inc., Research Triangle Pk, NC
Lawrence J. Goldrich Foundation, Virginia Beach, VA
Goody's Manufacturing, Winston-Salem, NC
Mr. and Mrs. S. Page Graham, Chapel Hill, NC
Mr. and Mrs. Joseph Grier, Jr., Charlotte, NC
The Haley Foundation, Inc., Greensboro, NC
Mr. and Mrs. Rush Hamrick, Jr., Shelby, NC
Mr. and Mrs. John Harney, Charlotte, NC
Harper Trucking Co., Inc., Raleigh, NC
Mr. and Mrs. Larry W. Harris, Jr., Raleigh, NC
Mr. Nathaniel Thomas Harris, Jr., Burlington, NC
Ms. Anna Hayes, Hillsborough, NC
Mr. and Mrs. James E. 'Buddy' Heins, Sanford, NC
Mr. Phillip Hettleman, Jr., San Diego, CA
Mr. and Mrs. George Watts Hill, Sr., Chapel Hill, NC
Dr. and Mrs. George Hitchings, Chapel Hill, NC
Mrs. Cornell C. Houston, Cambridge, MD
Mr. and Mrs. Edwin A. Hubbard, Sanford, NC
Mr. and Mrs. Edwin Hunter, Statesville, NC
Jefferson Pilot Communications, Charlotte, NC
Mr. and Mrs. Thomas M. Jordan, Charlottesville, VA
Mrs. Maurice Julian, Chapel Hill, NC
Mr. Thomas S. Kenan, III, Chapel Hill, NC
Mr. and Mrs. Johnny Kerr, Raleigh, NC
Ms. Adelaide Key, Ashville, NC
The Susan G. Komen Foundation, Dallas, TX
Mr. and Mrs. Ernest Koury, Burlington, NC
Reverend and Mrs. Tracy H. Lamar, Jr., Southern Pines, NC
Dr. and Mrs. Henry Landon, III, North Wilkesboro, NC
Ms. Eleanor Powell Latimer, High Point, NC
Lee County Cancer Society, Sanford, NC
Mr. Richard H. Lewis, Jr., Durham, NC
Mrs. J. Harold Lineberger, Charlotte, NC
Mr. and Mrs. Joseph Lineberger, Charlotte, NC
Mrs. Mary Louise Little, Wadesboro, NC
Mr. and Mrs. Henry E. Longley, Wilmington, NC
Mr. and Mrs. George Lyles, High Point, NC
Mr. Charles E. Lynch, Bennettsville, SC
Mr. and Mrs. James Marsh, High Point, NC
Mr. and Mrs. James Martin, Jr., Linville, NC
Mrs. Louis Maxwell, Goldsboro, NC
Mr. and Mrs. Samuel A. McConkey, Morehead City, NC
Dr. and Mrs. Hamilton McKay, Jr., Charlotte, NC
Mr. and Mrs. James E. Meyer, Charlotte, NC
Mr. Steve Millender, Burlington, NC
Mr. and Mrs. Thomas D. Mincher, Greensboro, NC
Mr. and Mrs. C. L. Morton, Jr., Chapel Hill, NC
Col. and Mrs. Erickson S. Nichols, Charlotte, NC
Mr. and Mrs. P. Harold O'Tuel, Greensboro, NC
Mr. and Mrs. Marion Wooten Peebles, Jr., Petersburg, VA
Mrs. Elbert S. Peel, Jr., Raleigh, NC
Ms. Lucia C. Peel, Snowhill, NC
Peoples Security Life Insurance Co., Durham, NC
Mrs. Willis Benton Pipkin, Reidsville, NC
Mr. and Mrs. J. Gregory Poole, Jr., Raleigh, NC
Mr. and Mrs. James B. Powers, Rocky Mount, NC
Mr. and Mrs. W. Trent Ragland, Jr., Raleigh, NC
Ms. Tula Carter Robbins, Raleigh, NC
Florence Rogers Charitable Trust, Fayetteville, NC
Mr. Peter Browne Ruffin, Wilmington, NC
Dr. Joseph D. Russell, Wilson, NC
SAS Institute, Inc., Cary, NC
Mr. and Mrs. Sol Schechter, Kinston, NC
Dr. Robert E. Sevier, Greensboro, NC
Mr. Martin F. Shelley, Charlotte, NC
W. A. Smith Trust, Whiteville, NC
Southern National Bank of N.C., Lumberton, NC
Mr. and Mrs. James R. Strickland, Jr., Durham, NC
Mr. John Thomas Sullivan, Charlotte, NC
The Surtman Foundation, Charlotte, NC
Mr. and Mrs. D. J. Thurston, Jr., Charlotte, NC
The Titmus Foundation, Inc., Sutherland, VA
Ms. Anne B. Tomlinson, Charlotte, NC
Mr. and Mrs. Lawrence Tomlinson, Jr., Charlotte, NC
Mr. and Mrs. C. Heide Trask, Jr., Wilmington, NC
Philip L. Van Every Foundation, Charlotte, NC
Mr. and Mrs. Stuart Vaughn, Winston-Salem, NC
The V.F.W. Ladies Auxiliary, Elkin, NC
Village Companies Foundation, Inc., Chapel Hill, NC
Mr. and Mrs. Donald R. Watson, Wilmington, NC
The Wheat Foundation, Richmond, VA
Mr. and Mrs. Montgomery White, Jr., Raleigh, NC
Women's Basketball Coaches Association, Atlanta, GA
Mr. and Mrs. John Gilliam Wood III, Edenton, NC
Mr. Louie E. Woodbury, Jr., Wilmington, NC
Dr. and Mrs. James D. Yopp, Jr., Winston-Salem, NC

LOYALTY FUND ASSOCIATES

Dr. J. Curtis Abell, Statesville, NC
Dr. Joseph Lindsay Albright, Jr., Alexandria, VA
Dr. J. David Alford, Mooresville, NC
Dr. William Page Algary, Greenville, SC
Dr. Gertrude Archer Bales, Rochester, NY
Dr. James Joseph Bedrick, Charlotte, NC
Dr. and Mrs. Thomas Wyatt Benton, Charlotte, NC
Dr. Juris Bergmanis, Honolulu, HI
Dr. Robert Hodges Bilbro, Raleigh, NC
Dr. Robert Martin Boerner, Asheville, NC
Dr. Frederick Oscar Bowman, Jr., Riverdale, NY
Dr. Robert Watson Brawley, Charlotte, NC

Dean Bondurant presents Kevin Rust with his diploma.

Dr. Peter Reynolds Bream, Jacksonville, FL
Dr. J. Hugh Bryan, Fayetteville, NC
Dr. Graham Wesley Bullard, Charlotte, NC
Dr. W. Grimes Byerly, Jr., Hickory, NC
Dr. Daniel Malloy Calhoun, Jr., Yorktown, VA
Dr. Donald W. Carringer, Crossnore, NC
Dr. Don C. Chaplin, Burlington, NC
Dr. Charles D. Collins, Mt. Airy, NC
Dr. Leon Kerr Cowan, Wilson, NC
Dr. and Mrs. William M. Crutchfield, Elizabeth City, NC
Dr. Deborah H. Davis, Auburn, WA
Dr. James E. Davis, Durham, NC
Dr. N. Parke Davis, II, Wilson, NC
Dr. Philip Carl Deaton, Greensboro, NC
Dr. Walter E. Deyton, Danville, VA
Dr. William Ewart Easterling, Jr., Chapel Hill, NC
Dr. Otis Norwood Fisher, Jr., Greensboro, NC
Dr. M. Wayne Flye, St. Louis, MO
Dr. John W. Foust, Charlotte, NC
Dr. James Spencer Fulghum, III, Raleigh, NC
Dr. Mary Susan Kirk Fulghum, Raleigh, NC
Dr. William Hedrick Gamble, Greensboro, NC
Dr. John Stuart Gaul, Jr., Charlotte, NC
Dr. James E. Glenn, Jacksonville, FL
Dr. George Talmadge Grigsby, Jr., Las Vegas, NV
Dr. James D. Groseclose, Randleman, NC
Dr. Sandra K. Haigler, Lexington, KY
Dr. James W. Hayes, III, Burlington, NC
Dr. Ray Milton Hayworth, Knoxville, TN
Dr. William Mauney Herndon, Jr., Charlotte, NC
Dr. William D. Huffines, Chapel Hill, NC
Dr. Stanton Vance Huffman, Elon College, NC
Dr. Edward K. Isbey, III., Asheville, NC
Dr. Jane Lysko Isbey, Asheville, NC
Dr. Ali Jarrahi, Winston-Salem, NC
Dr. Harvey W. Johnston, Charlotte, NC
Dr. Thomas Jeffrey Koontz, Winston-Salem, NC
Dr. Jerold E. Lancourt, Dallas, TX
Dr. E. Carwile LeRoy, Charleston, SC
Dr. Edgar Watson Little, Greensboro, NC
Dr. William L. London, IV, Durham, NC
Dr. Dan A. Martin, Madisonville, KY
Dr. Hugh A. McAllister, Jr., Houston, TX
Dr. Clarence Reid McLain, Jr., Cincinnati, OH
Dr. Jonathan O. McLean, Charlotte, NC
Dr. William W. McLendon, Chapel Hill, NC
Dr. Philip D. Meador, Jr., Henderson, NC
Dr. Darlyne Menscer, Charlotte, NC
Dr. Steven R. Mills, Fairfax Station, VA
Dr. J. Thaddeus Monroe, Jr., Chapel Hill, NC
Dr. William Ronald Neal, Greensboro, NC
Dr. Gary Stewart Niess, Charlotte, NC
Dr. Charles Johnson Parker, Salt Lake City, UT
Dr. Melinda Coover Paul, Greensboro, NC
Dr. Vincent Edgar Paul, Greensboro, NC
Dr. William Ross Pitser, Winston-Salem, NC
Dr. James Scott Powers, Cabin John, MD
Dr. Richard La Marr Pressley, Boulder, CO
Dr. Don Harlor Richardson, Boyce, VA
Dr. Charles Henry Richman, Saratoga Springs, NY
Dr. Lambros C. Rigas, Rome, GA
Dr. C. William Rogers, Lebanon, TN
Dr. David Martin Rubin, Greensboro, NC
Dr. William Halsell Ryan, III, Dallas, TX
Dr. Julian Wood Selig, Jr., Elizabeth City, NC
Dr. Robert English Sevier, Greensboro, NC
Dr. Edward Arthur Sharpless, Greensboro, NC
Dr. Martha Kornegay Sharpless, Greensboro, NC
Dr. Richard Wayne Shermer, Chapel Hill, NC
Dr. Robert George Simmons, Danville, VA
Dr. James B. Sloan, Wilmington, NC
Dr. Karen C. Sorrels, Midlothian, VA
Dr. W. R. Stafford, Jr., Greensboro, NC
Dr. Walter F. Steele, Valdese, NC
Dr. Sharon R. Stephenson, Cary, NC
Dr. Jean R. Stifler, Chapel Hill, NC
Dr. Robert L. Summerlin, Jr., Dublin, NC
Dr. Shahane R. Taylor, Jr., Greensboro, NC
Dr. Paul A. Vadnais, Charlotte, NC
Dr. W. Hunter Vaughan, Steubenville, OH
Dr. Paul Edward Viser, Clinton, NC
Dr. William S. Wall, Rocky Mount, NC
Dr. Donn A. Wells, Fort Lauderdale, FL
Dr. Mary Ann Groce Welt, Johnson City, TN
Dr. Mack Willis White, III, Charlotte, NC
Dr. Willis H. Williams, Atlanta, GA
Dr. A. Donald Wolff, Charleston, WV
Dr. and Mrs. Jerry C. Woodard, Wilson, NC
Dr. Norman Francis Woodlief, Cedar Falls, IA

CLASS OF 1919
***Dr. Verne S. Caviness, Sr., Raleigh, NC**
Dr. Kenneth B. Geddie, High Point, NC

CLASS OF 1923
Dr. H. T. Kelly, Pipersville, PA

CLASS OF 1925
Dr. J. Donald MacRae, Dunedin, FL
Dr. Donald P. Ross, Stowe, VT
Dr. James H. Wall, Brunswick, ME

CLASS OF 1926
Dr. Malcolm H. Rourk, Shallotte, NC
Dr. S. Glenn Wilson, Sr., Angier, NC

CLASS OF 1928
Dr. Merle D. Bonner, Greensboro, NC
Dr. William E. Cook, Fayetteville, NC
Dr. Zack D. Owens, Elizabeth City, NC

CLASS OF 1929
Dr. Vance T. Alexander, Davidson, NC
Dr. Alexander C. Dick, Chestertown, MD
Dr. Harry L. Farrell, Philadelphia, PA
Dr. David A. Young, Raleigh, NC

CLASS OF 1931
Dr. Louis Appel, Newtown, CT
Dr. J. Allen Whitaker, Sr., Rocky Mount, NC

CLASS OF 1932
Dr. David L. Avner, Greensboro, PA
Dr. John H. Dougherty, Sr., Fairfield Glade, TN
Dr. Alfred F. Hammond, Jr., New Bern, NC
Dr. Mary Margaret McLeod, Sanford, NC
Dr. George P. Rosemond, Lancaster, PA
Dr. Robert E. Stone, Evanston, IL
Dr. Thomas J. Taylor, Roanoke Rapids, NC

CLASS OF 1933
Dr. Paul H. Rhodes, Lakewood, CO
Dr. Arthur F. Toole, Talladega, AL

CLASS OF 1934
Dr. Archie L. Barringer, Mount Pleasant, NC
Dr. June U. Gunter, Durham, NC
Dr. Seny B. Lake, Canterbury, NH
Dr. Willis B. Mitchell, Hendersonville, NC
Dr. Carl Pigman, Whitesburg, KY
Dr. Jean R. Stifler, Chapel Hill, NC
Dr. Thomas C. Worth, Raleigh, NC

CLASS OF 1935
Dr. Julien H. Meyer, Sr., Roanoke, VA

CLASS OF 1936
Dr. Leo Esbin, Wantagh, NY
Dr. Thomas F. Henley, New York, NY
Dr. Robert M. McMillan, Pinehurst, NC
Dr. Landis P. Mitchell, Jr., Spindale, NC
Dr. Laura Ross Venning, Chapel Hill, NC
Dr. Annie Louise Wilkerson, Raleigh, NC

CLASS OF 1937
Dr. Elizabeth J. Dotterer, Sanford, NC
Dr. Arthur I. Sims, Arlington, VA

CLASS OF 1938
Dr. Olivia Abernethy, Winston Salem, NC
Dr. Thomas W. Crowell, Bellingham, WA
Dr. John C. Grier, Jr., Pinehurst, NC

CLASS OF 1939
Dr. Jesse Appel, East Hampton, NY
Dr. Jesse B. Caldwell, Jr., Gastonia, NC
Dr. Henry T. Clark, Jr.
***Dr. Max M. Novich, Edison, NJ**
Dr. Edwin A. Rasberry, Jr., Wilson, NC

CLASS OF 1940
Dr. Phil L. Barringer, Monroe, NC
Dr. Abraham B. Conger, Jr., Columbus, GA
Dr. Inez W. Elrod, Huntersville, NC
Dr. John B. Graham, Chapel Hill
Dr. Henry C. Guynes, Jr., Rockwall, TX
Dr. French H. McCain, Bloomfield Hills, MI
Dr. George B. Patrick, Jr., Silver Spring, MD

CLASS OF 1941
Dr. Marcus L. Aderholdt, Jr., High Point, NC
Dr. Asa R. Parham, High Point, NC
Dr. Foyell P. Smith, Lexington
Dr. Frederick L. Tunick, Neponsit, NY
Dr. Carlton G. Watkins, Charlotte, NC

CLASS OF 1942
Dr. Jerry H. Allen, Jr., Springfield, MD
Dr. Frederick A. Blount, Winston Salem, NC
Dr. O. Watts Booth, Newport News, VA
Dr. James E. Davis, Durham, NC
Dr. Hillard Gold, Miami Beach, FL
Dr. H. William Harris, Garden City, NY
Dr. John F. Lynch, Jr., High Point, NC
Dr. John H. Miller, Bartow, FL
Dr. George W. Plonk, Kings Mountain, NC
Dr. William H. Shull, Charlotte, NC

CLASS OF 1943
Dr. Sydenham B. Alexander, Tuscaloosa, AL
Dr. Julian T. Brantley, Greensboro, NC
Dr. John R. Chambliss, Jr., Rocky Mount, NC
Dr. David S. Citron, Charlotte, NC
Dr. James B. Greenwood, Jr., Charlotte
Dr. William F. Hutson, Northbrook, IL
Dr. George L. Jordan, Jr., Houston, TX
Dr. Alexander C. Mitchell, Frenchtown, NJ
Dr. Sarah T. Morrow, Raleigh, NC
Dr. James H. Shell, Jr., Baltimore, MD
Dr. Kenneth W. Wilkins, Goldsboro, NC
Dr. Kenan B. Williams, Sanford, NC

CLASS OF 1944
Dr. J. Vincent Arey, Sr., Concord, NC
Dr. Joseph W. Baggett, Fayetteville, NC
Dr. C. Fletcher Bailey, Elizabeth City, NC
Dr. Hilda H. Bailey, Salisbury, NC
Dr. Truett V. Bennett, Oriental, NC
Dr. Robert W. Elwell, Ocean City, NJ
***Dr. J. Stuart Gaul, Jr., Charlotte, NC**
Dr. Allen H. Lee, Selma, NC
Dr. Clarence M. Miller, Jr., Sewickley, PA
Dr. S. Malone Parham, Henderson, NC
Dr. Herbert W. Park, III, Richmond, VA
Dr. George D. Penick, Iowa City, IA
Dr. William L. Ross, Jr., Kensington, MD
Dr. Charles W. Tillett, Jr., Charlotte

CLASS OF 1945
Dr. G. Walker Blair, Jr., Burlington, NC
Dr. G. Robert Clutts, Greensboro, NC
Dr. J. Hicks Corey, Jr., Chattanooga, TN
Dr. Courtney D. Egerton, Raleigh, NC
Dr. Robert G. Fitzgerald, Jr., Roxboro, NC
Dr. Harold L. Godwin, Fayetteville, NC
Dr. Hampton Hubbard, Clinton, NC
Dr. Weldon H. Jordan, Fayetteville, NC
Dr. John H. Monroe, Winston Salem, NC

CLASS OF 1946
Dr. Ira A. Abrahamson, Cincinnati, OH
Dr. Edward G. Bond, Edenton, NC
Dr. Robert V. Dutton, Houston, TX
Dr. Luther W. Kelly, Jr., Charlotte, NC
Dr. Robert S. Lackey, Charlotte, NC
Dr. Roland D. Matthews, Burlington, NC
Dr. Mary R. McGregor, Charlotte, NC
Dr. William G. Sanford, Winston Salem, NC
Dr. William E. Sheely, Alexandria, VA
Dr. David G. Stroup, Atlanta, GA
Dr. Allen D. Tate, Jr., Burlington, NC
Dr. John E. Weyher, Jr., Topsail Beach, NC

CLASS OF 1947
Dr. Harry S. Anderson, Chattanooga, TN
Dr. J. Lloyd Pate, Raleigh, NC
Dr. C. Roy Rowe, Jr., Statesville, NC
Dr. Edgar C. Sweeney, Jr., Charlotte, NC

CLASS OF 1948
Dr. William S. Cheek, Sr., Spartanburg, SC
Dr. Fred W. Ellis, Chapel Hill, NC
Dr. Tyndall P. Harris, Chapel Hill, NC
Dr. Edwin P. Hiatt, Wilmington, OH
Dr. Julius A. Mackie, Jr., Bryn Mawr, PA
Dr. Shirley L. Rivers, Tucson, AZ
Dr. Daniel T. Young, Chapel Hill, NC

CLASS OF 1949
Dr. J. Dewey Dorsett, Jr., Charlotte, NC
Dr. Christopher C. Fordham, III, Chapel Hill, NC
Dr. F. Sidney Gardner, Jr., Fayetteville, NC
Dr. Robert A. Griffin, Asheville, NC
Dr. Charles F. Melchor, Jr., Myrtle Beach, SC
Dr. Rose Pully, Kinston, NC
Dr. Arthur C. Quackenbush, Bay Shore, NY
Dr. Aubrey D. Richardson, Baltimore, MD
Dr. Maxine D. Wallace, Oakland, CA

CLASS OF 1950
Dr. Gertrude A. Bales, Rochester, NY
***Dr. Frederick O. Bowman, Jr., Riverdale, NY**
Dr. W. Grimes Byerly, Jr., Hickory, NC
Dr. Jack O. Carson, Grifton, NC
Dr. Charles F. Gilliam, Thomasville, NC
Dr. Lewis B. Hardison, Fayetteville, NC
Dr. Gordon R. Heath, Lakeland, FL
Dr. Joel B. Huneycutt, Lake Wylie, SC
Dr. George Johnson, Jr., Chapel Hill, NC
Dr. Harvey W. Johnston, Charlotte, NC
Dr. Benjamin H. Josephson, Basking Ridge, NJ
Dr. William S. Joyner, Chapel Hill, NC
Dr. Laurence B. Leinbach, Winston Salem, NC
Dr. Dan A. Martin, Madisonville, KY
Dr. John L. McCain, Wilson, NC
Dr. Glenn D. Moak, Indianapolis, IN
Dr. James H. Peedin, Jr., Burgaw, NC
Dr. Eugene B. Sharpe, Asheville, NC
Dr. Belk C. Troutman, Grifton, NC
Dr. John R. Wilkinson, Jr., Fayetteville, NC

CLASS OF 1951
Dr. S. Bruce Berkeley, Jr., Goldsboro, NC
Dr. William B. Blythe, II, Chapel Hill, NC
Dr. Baxter H. Byerly, Tallahassee, FL
Dr. William A. Futch, Conyers, GA
Dr. Matt C. Harper, Jr., Kinston, NC
Dr. John C. Herion, Chapel Hill, NC
Dr. S. Vance Huffman, Burlington, NC
Dr. Harold C. Lane, Rutherfordton, NC
Dr. Murdoch R. McKeithen, Laurinburg, NC
Dr. Luther W. Oehlbeck, Jr., La Belle, FL
Dr. Jack W. Wilkerson, Greenville, NC

CLASS OF 1952
Dr. Richard I. Walker, Chapel Hill, NC

CLASS OF 1954
Dr. Paul H. Brigman, Trinity, NC
Dr. Leon K. Cowan, Wilson, NC
Dr. Charles B. Fulghum, Jr., Atlanta, GA
Dr. Sara L. Hoyt, Rome, GA
Dr. Herman P. Lineberger, Chapel Hill, NC
Dr. James C. Parke, Jr., Charlotte, NC
Dr. Cornelius T. Partrick, Washington, NC
Dr. Thomas H. Patterson, Jr., Farmville, NC
Dr. Ely J. Perry, Jr., Kinston, NC
Dr. Edward S. Williams, Jr., Durham, NC
Dr. A. Donald Wolff, Charleston, WV

CLASS OF 1955
Dr. Henry W. Abernethy, Hickory, NC
Dr. Julian S. Albergotti, Jr., Charlotte, NC
Dr. Robert G. Brame, Greenville, NC
Dr. Walter E. Deyton, Danville, VA
Dr. Griggs C. Dickson, Charlotte, NC
Dr. Presley Z. Dunn, Jr., New Bern, NC
Dr. John W. Foust, Charlotte, NC
Dr. J. Eugene Glenn, Jacksonville, FL
Dr. James D. Groseclose, Randleman, NC
Dr. James W. Hayes, III, Burlington, NC
Dr. William D. Huffines, Chapel Hill, NC
Dr. Samuel G. Jenkins, Jr., Elizabeth City, NC
Dr. Robert C. Jordan, Jr., Sanford, NC
Dr. Samuel B. Joyner, Greensboro, NC
Dr. William L. London, IV, Durham, NC
Dr. Lloyd C. McCaskill, Maxton, NC
Dr. Clarence R. McLain, Jr., Cincinnati, OH
Dr. J. Thaddeus Monroe, Jr., Chapel Hill, NC
Dr. G. Irvin Richardson, Reidsville, NC
Dr. Harold R. Roberts, Chapel Hill, NC
Dr. Oliver F. Roddey, Jr., Charlotte, NC
Dr. C. William Rogers, Lebanon, TN
Dr. Mary M. Rood, Raleigh, NC
Dr. Palmer F. Shelburne, Greensboro, NC
Dr. Henry L. Stephenson, Jr., Washington, NC
Dr. Robert L. Summerlin, Jr., Dublin, NC
Dr. G. Reginald Tucker, Jr., Henderson, NC
Dr. W. Wallace White, Cincinnati, OH

CLASS OF 1956
Dr. Gale J. Ashley, Sparta, NC
Dr. Juris Bergmanis, Honolulu, HI
Dr. Richard A. Boyd, Statesville, NC
Dr. Lee A. Clark, Jr., Wilson, NC
Dr. John W. Deyton, Jr., Jacksonville, NC
Dr. William E. Easterling, Jr., Chapel Hill, NC
Dr. John T. Evans, Chattanooga, TN
Dr. Robert A. Farmer, Vacaville, CA
Dr. Charles W. Fowler, III, Orlando, FL
Dr. Alexander F. Goley, Burlington, NC
Dr. Francis W. Green, Albemarle, NC
Dr. Otis M. Lowry, Spring Hope, NC
Dr. Marvin M. McCall, III, Monroe, NC
Dr. William W. McLendon, Chapel Hill, NC
Dr. J. Doyle Medders, Louisburg, NC
Dr. Robert L. Murray, Roanoke, VA
Dr. John W. Ormand, Jr., Wilmington, NC
Dr. Francis D. Pepper, Jr., Winston-Salem, NC
Dr. William R. Purcell, Laurinburg, NC
Dr. Willie R. Stafford, Jr., Greensboro, NC
Dr. Thomas C. Suther, Jr., Jackson Springs, NC
Dr. John W. Vassey, Raleigh, NC
Dr. William B. Wood, Sr., Chapel Hill, NC
Dr. Leonard S. Woodall, Smithfield, NC

CLASS OF 1957
Dr. H. John Bradley, Jr., Greensboro, NC
Dr. James H. Burrus, Shelby, NC
Dr. Robert S. Cline, Sanford, NC
Dr. Luther H. Clontz, Morganton, NC
Dr. William P. Cornell, Phoenix, AZ
Dr. John K. Farrington, High Point, NC
Dr. J. Grayson Hall, Mount Airy, NC
Dr. Bennett A. Hayes, Jr., Fayetteville, NC
Dr. Richard V. Liles, Jr., Albemarle, NC
Dr. Harvey A. Page, Pikeville, KY
Dr. James N. Slade, Edenton, NC
Dr. James H. M. Thorp, Rocky Mount
Dr. Gerald M. Wagger, Palo Alto, CA
Dr. Earl P. Welch, Jr., Winston-Salem, NC
Dr. Benson R. Wilcox,, Chapel Hill, NC

CLASS OF 1958
Dr. John J. Brooks, Jr., Tarboro, NC
Dr. M. Paul Capp, Tucson, AZ
Dr. Thomas Craven, Jr., Wilmington, NC
Dr. David B. Crosland, Concord, NC
Dr. James R. Edwards, Raleigh, NC

Dr. Nancy P. Fawcett, Hollywood, FL
Dr. Carl A. Furr, Jr., Concord, NC
Dr. Thomas M. Haizlip, Raleigh, NC
Dr. Luther S. Nelson, Amarillo, TX
Dr. T. Lane Ormand, Monroe, NC
Dr. Dewey H. Pate, Raleigh, NC
Dr. W. Robert Story, Charlotte, NC
Dr. B. Everett Thompson, Jr., Cary, NC
Dr. Paul M. Weeks, Clayton, MO

CLASS OF 1959
Dr. Robert W. Brawley, Charlotte, NC
Dr. Bobby C. Brown, Decatur, GA
Dr. Robert C. Brown, Chapel Hill, NC
Dr. D. Whitaker Davis, Wadesboro, NC
Dr. Otis N. Fisher, Jr., Greensboro, NC
***Dr. Joel S. Goodwin, Salisbury, NC**
Dr. Robert L. Green, Winston-Salem, NC
Dr. O. James Hart, Jr., Winston-Salem, NC
Dr. Morris A. Jones, Jr., Durham, NC
Dr. David L. Kelly, Jr., Winston-Salem, NC
Dr. James A. Kiley, Kallspell, MT
Dr. Wilfred D. Little, Jr., Tampa, FL
Dr. A. Sherman Morris, Jr., Asheville, NC
Dr. Don H. Richardson, Boyce, VA
Dr. Julian W. Selig, Jr., Elizabeth City, NC
Dr. Martha K. Sharpless, Greensboro, NC
Dr. Shahane R. Taylor, Jr., Greensboro, NC
Dr. Bennie B. Ward, Challotte, NC
Dr. R. Lee West, Greenville, NC
Dr. Franklin D. White, Siler City, NC

CLASS OF 1960
Dr. William B. Abernethy, Jr., Gastonia, NC
Dr. John M. Blount, III, Salisbury, NC
Dr. Charles P. Eldridge, Jr., Houston, TX
Dr. Gerald W. Fernald, Chapel Hill, NC
Dr. J. Thomas Fox, Jr., Charlotte, NC
Dr. J. C. Frye, Jr., Charlotte, NC
Dr. James R. Harper, Durham, NC
Dr. L. Gordon Kirschner, Washington, DC
Dr. E. Carwile LeRoy, Charleston, SC
Dr. James M. Marlowe, High Point, NC
Dr. Cecil H. Neville, Jr., Pinehurst, NC
Dr. Duncan S. Owen, Jr., Richmond, VA
Dr. Robert B. Payne, Mooresville, NC
Dr. Jerry M. Petty, Charlotte, NC
Dr. Elizabeth V. Raft, Durham, NC
Dr. Charles W. Robinson, III, San Antonio, TX
Dr. John C. Tayloe, New Bern, NC
Dr. H. Mac Vandiviere, Lancaster, KY
Dr. John A. Young, II, Charlotte, NC

CLASS OF 1961
Dr. Robert M. Boerner, Asheville, NC
Dr. John C. Council, Charlotte, NC
Dr. William S. Gibson, Jr., Riverside, PA
Dr. John C. Graham, Jr., Elizabeth City, NC
Dr. Richard D. Jordan, Salisbury, NC
Dr. William H. Kouri, Charlotte, NC
Dr. A. Ray Newsome, Winston-Salem
Dr. Louie L. Patseavouras, Greensboro
Dr. Cecil H. Rand, Jr., Greenville, NC
Dr. Bobby A. Richardson, Ocala, FL
Dr. W. Ray Samuels, Charlotte, NC
Dr. W. Ferrell Shuford, Jr., Wilmington
Dr. Jerry E. Smith, Southern Pines, NC
Dr. Joshua Tayloe, Washington, NC
Dr. Zebulon Weaver, III, Asheville, NC
Dr. Donn A. Wells, Fort Lauderdale, FL

CLASS OF 1962
Dr. Karl L. Barkley, Greensboro, NC
Dr. Oscar H. Bolch, Jr., San Diego, CA
Dr. Marion W. Griffin, Asheboro, NC
Dr. Frederick D. Hamrick, III, Lynchburg, VA
Dr. Ray M. Hayworth, Knoxville, TN
Dr. Edward M. Hedgpeth, Jr., Durham, NC
Dr. Charles M. Hicks, Wilmington, NC
Dr. John L. Monroe, Pinehurst, NC
Dr. William A. Nebel, Chapel Hill, NC
Dr. Carl S. Phipps, Winston-Salem, NC
Dr. C. Glenn Pickard, Jr., Chapel Hill, NC
Dr. William R. Pitser, Winston-Salem, NC
Dr. Lambros C. Rigas, Rome, GA

CLASS OF 1963
Dr. William P. Algary, Greenville, SC
Dr. W. Paul Biggers, Chapel Hill, NC
Dr. Karl F. Bitter, Asheville, NC
Dr. J. Andrew Burnam, Fort Myers, FL
Dr. I. Kelman Cohen, Richmond, VA
Dr. Charles L. Cooke, Richmond, VA
Dr. Donald L. Copeland, Huntersville, NC
Dr. Robert J. Cowan, Winston-Salem, NC
Dr. John W. Dalton, Jr., Santa Monica, CA
Dr. William B. Deal, Birmingham, AL
Dr. Ira M. Hardy, II., Greenville, NC
Dr. William O. Jolly, III, Albemarle, NC
Dr. W. Bryan Latham, Coral Gables, FL
Dr. Richard L. Pressley, Boulder, CO
Dr. Charles J. Sawyer, III, Ahoskie, NC
Dr. Samuel E. Scott, Burlington, NC
Dr. Richard W. Shermer, Chapel Hill, NC
Dr. David W. Sillmon, Greensboro, NC
Dr. Jerry A. Smith, Memphis, TN
Dr. W. Landis Voigt, Edenton, NC
Dr. Jack H. Welch, Greenville, NC
Dr. James G. White, Ormond Beach, FL
Dr. David R. Williams, Thomasville, NC

CLASS OF 1964
Dr. Bruce H. Berryhill, Charlotte, NC
Dr. Winslow Brabson, Hampton Falls, NH
Dr. Harry L. Broome, Alpharetta, GA
Dr. Roy L. Curry, Jr., San Francisco, CA
Dr. John B. Fox, Paradise Valley, AZ
Dr. G. Patrick Henderson, Jr., Southern Pines, NC
Dr. Noel B. McDevitt, Southern Pines, NC
Dr. Robert J. Pierce, Jr., Hickory, NC
Dr. James W. Rose, Jr., Madison, WI
Dr. Robin N. Wooten, Jr., Lakeland, FL

CLASS OF 1965
Dr. Hal F. Collier, Flowery Branch, GA
Dr. Takey Crist, Jacksonville, NC
Dr. Robert L. Grubb, Jr., Glendale, MO
Dr. Alexander C. Hattaway, III, Raleigh, NC
Dr. Robert T. Kindley, Fort Walton Beach, FL
Dr. Sue M. Kirkpatrick, Scotts Valley, CA
Dr. Gordon B. LeGrand, Raleigh, NC
Dr. Donald D. McNeill, Jr., Lenoir, NC
Dr. Thomas L. Presson, Greensboro, NC
Dr. William F. Sayers, Winston-Salem, NC
Dr. Williamson B. Strum, La Jolla, CA
Dr. Donald P. Whitley, Richmond, VA
Dr. Willis H. Williams, Atlanta, GA

CLASS OF 1966
Dr. J. David Alford, Mooresville, NC
Dr. Robert H. Bilbro, Raleigh, NC
Dr. William H. Bowers, Richmond, VA
Dr. Paul L. Burroughs, Jr., Raleigh, NC
Dr. Timothy E. Cloninger, Charlotte, NC
Dr. John R. Crawford, III, Salisbury, NC
Dr. J. Bernard Credle, Beaufort, SC
Dr. William M. Crutchfield, Elizabeth City, NC
Dr. N. Parke Davis, II, Wilson, NC
Dr. Philip C. Deaton, Greensboro, NC
Dr. Wesley C. Fowler, Jr., Chapel Hill, NC
Dr. Robert C. Gibson, III, Portland, OR
Dr. Cyrus L. Gray, III, Tampa, FL
Dr. George T. Grigsby, Jr., Las Vegas, NV
Dr. Carol H. Hackett, Mercer Island, WA
Dr. Howard T. Hinshaw, Charlotte, NC
Dr. N. Neil Howell, Charlotte, NC
Dr. William C. Hubbard, Raleigh, NC
Dr. Thomas J. Koontz, Winston-Salem, NC
Dr. Sidney C. Kress, Staten Island, NY
Dr. Hugh A. McAllister, Jr., Houston, TX
Dr. Peter L. Morris, Santa Barbara, CA
Dr. James A. Pressly, Charlotte, NC
Dr. Don W. Printz, Stone Mountain, GA
Dr. Surry P. Roberts, Raleigh, NC
Dr. Charles K. Scott, Burlington, NC
Dr. Robert E. Sevier, Greensboro, NC
Dr. J. Lewis Sigmon, Jr., Cornelius, NC
Dr. Robert G. Simmons, Danville, VA
Dr. H. Lee Smyre, Greer, SC
Dr. W. Franklin Steele, Valdese, NC
Dr. E. Walker Stevens, Jr., Greensboro, NC
Dr. Henry F. Thomas, Jr., Gastonia, NC
Dr. W. Beverly Tucker, Henderson, NC
Dr. W. Hunter Vaughan, Steubenville, OH
Dr. James H. Whicker, Raleigh, NC
Dr. James A. Yount, Charlotte, NC

CLASS OF 1967
Dr. F. Walton Avery, Raleigh, NC
Dr. Gerald W. Blake, Raleigh, NC
Dr. Charles L. Clarke, Jr., Las Vegas, NV
Dr. C. Allan Eure, Raleigh, NC
Dr. R. Donald Garrison, Jacksonville, FL
Dr. O. Drew Grice, New Bern, NC
Dr. Robert V. Hale, Chapel Hill, NC
Dr. Howard D. Homesley, Winston-Salem, NC
Dr. L. Fuller Honeycutt, Raleigh, NC
Dr. Allen W. Huffman, Jr., Hickory, NC
Dr. James D. Hundley, Wilmington, NC
Dr. Linda H. Jackson, Arden, NC
Dr. Scott G. Lkeiman, Marietta, GA
Dr. Frank W. Leak, Sr., Clinton, NC
Dr. Hugh T. Lefler, Jr., Fort Worth, TX
Dr. W. Jason McDaniel, Jr., Raleigh, NC
Dr. Harold B. Owens, Danville, VA
Dr. Bruce A. Phillips, Jr., Elizabethtown, NC
Dr. Albert L. Roper, II, Norfolk, VA
Dr. Douglas M. Russell, Goldsboro, NC
Dr. James H. Spruill, Jackson, TN
Dr. Henry C. Thomason, Jr., Gastonia, NC

CLASS OF 1968
Dr. Joseph P. Archie, Jr., Raleigh, NC
Dr. George W. Bensch, Stockton, CA
Dr. Philip D. Coleman, Washington, NC
Dr. Edward W. Davidian, Chapel Hill, NC
Dr. Alan Davidson, III, Longmeadow, MA
Dr. Terry D. Golden, Atlanta, GA
Dr. Joseph W. Griffin, Jr., Augusta, GA
Dr. Frank W. Gwathmey, Norfolk, VA
Dr. W. Franklin Hancock, Jr., Burlington, NC
Dr. Hoke F. Henderson, Jr., Columbia, SC
Dr. John L. Kirkland, III, Houston, TX
Dr. Jerold E. Lancourt, Dallas, TX
Dr. John C. Markham, III, Augusta, GA
Dr. Frederick M. S. McConnell, Lawrenceville, GA
Dr. David J. Reese, II, Alexandria, VA
Dr. David M. Rubin, Greensboro, NC
Dr. George S. Stretcher, Spartanburg, SC
Dr. F. Charles Tucker, Jr., Pensacola, FL
Dr. J. Allen Whitaker, III, Wilson, NC
Dr. Jerry C. Woodard, Wilson, NC

CLASS OF 1969
Dr. H. Wallace Baird, Greensboro, NC
Dr. Edward H. Brenner, Freehold, NJ
Dr. P. Eugene Brown, Hickory, NC
Dr. Don C. Chaplin, Burlington, NC
Dr. Andrew Davidson, New Bern, NC
Dr. Frank B. Gray, Knoxville, TN
Dr. Thomas R. Griggs, Hillsborough, NC
Dr. G. Patrick Guiteras, Chapel Hill, NC
Dr. John G. Johnston, Charlotte, NC
Dr. Richard A. Keever, High Point, NC
Dr. C. Clement Lucas, Jr., Old Greenwich, CT
Dr. Henry J. MacDonald, Jr., New Bern, NC
Dr. Robert J. MacNaughton, Jr., Greenville, SC

Dr. Donald M. MacQueen, Wilmington, NC
Dr. J. Tift Mann, III, Raleigh
Dr. Walter D. Moss, III, Cookeville, TN
Dr. David W. Pearsall, Jr., Greenville, NC
Dr. Houston H. Pittman, Cave Springs, GA
Dr. James S. Powers, Cabin John, MD
***Dr. Joseph D. Russell, Wilson, NC**
Dr. David S. Sheps, Chapel Hill, NC
Dr. Karen C. Sorrels, Midlothian, VA
Dr. Nelson B. Watts, Atlanta, GA
Dr. Russell E. Williams, Jr., Wichita Falls, TX

CLASS OF 1970
Dr. William C. Allsbrook, Jr., Martinez, GA
Dr. Jerry C. Bernstein, Raleigh, NC
Dr. Robert G. Blair, Jr., New Bern, NC
Dr. James P. Browder, III, Chapel Hill, NC
Dr. Julian G. Busby, Jr., High Point, NC
Dr. William J. Busby, Thomasville, NC
Dr. Richard M. Freeman, Opelika, AL
Dr. Stephen L. Green, Newport News, VA
Dr. William B. Hooks, Jr., Mount Airy, NC
Dr. Donald D. Howe, Gastonia, NC
Dr. James J. Jenkins, Saint Louis, MO
Dr. Alexander R. Kehayes, Missoula, MT
Dr. C. Bryan Koon, Jr., Durham, NC
Dr. Frederick G. Kroncke, Jr., Rocky Mount, NC
Dr. Julian L. Lokey, Jr., Atlanta, GA
Dr. Edward A. Norfleet, Chapel Hill, NC
Dr. R. Kirby Primm, Wenatchee, WA
Dr. David A. Rendleman, III, Raleigh, NC
Dr. Thomas A. Roberts, Jr., Charlotte, NC
Dr. James B. Sloan, Wilmington, NC
Dr. Rick I. Suberman, Chapel Hill, NC
Dr. T. Reed Underhill, New Bern, NC
Dr. Dewey D. Walker, Denver, CO
Dr. Edwin L. Walker, Littleton, CO
Dr. William J. Weatherly, Greensboro, NC
Dr. James E. Winslow, Jr., Roxboro, NC
Dr. John W. Zirkle, Jefferson City, TN

CLASS OF 1971
Dr. John V. Allcott, III, Eugene, OR
Dr. J. Richard Auman, Chesapeake, VA
Dr. Robert A. Bashford, Chapel Hill, NC
Dr. Toby L. Brown, Warrenton, VA
Dr. Daniel M. Calhoun, Jr., Yorktown, VA
Dr. Robert H. Cohan, Pensacola, FL
Dr. Enser W. Cole, III, Severna Park, MD
Dr. James S. Coxe, III, Raleigh, NC
Dr. John T. Cuttino, Jr., Concord, MA
Dr. Bertram C. Finch, III, Charleston, SC
Dr. Jane M. Foy, Oak Ridge, NC
Dr. W. Ray Gammon, Chapel Hill, NC
Dr. Clarence A. Griffin, III, Longmont, CO
Dr. W. Randolph Grigg, Chapel Hill, NC
Dr. William D. Kassens, Jr., Wilmington, NC
Dr. Michael R. Knowles, Chapel Hill, NC
Dr. William A. Lambeth, III, Raleigh, NC
Dr. Edgar W. Little, Greensboro, NC
Dr. James S. McFadden, Pinehurst, NC
Dr. Jonathan O. McLean, Charlotte, NC
Dr. Philip D. Meador, Jr., Henderson, NC
***Dr. Frederick S. Neuer, Emporia, KS**
Dr. William B. Pittman, Rocky Mount, NC
Dr. John O. Reynolds, Jr., Salisbury, NC
Dr. Charles H. Richman, Saratoga Springs, NY
Dr. Virgil O. Roberson, III., High Point, NC
Dr. James A. Shivers, Asheville, NC
Dr. Sara H. Sinal, Winston-Salem, NC
Dr. John P. Surratt, Clinton, NC
Dr. J. Peter Van Dorsten, Richmond, VA
Dr. George C. Venters, Raleigh, NC
Dr. William W. Webb, Jr., Salisbury, NC

CLASS OF 1972
Dr. Peter Reynolds, Jacksonville, FL
Dr. L. Franklin Cashwell, Jr., Winston-Salem, NC
Dr. W. Andrew Cook, Houston, TX
Dr. J. McNeill, Davidson, NC
Dr. Walter Blair Greene, Chapel Hill, NC
Dr. Alger Vason Hamrick, III, Raleigh, NC
Dr. L. Clayton Harrell, III, Charlotte, NC
Dr. William Baker Horn, Boone, NC
Dr. J. Ronald Hunt, Columbus, GA
Dr. Bruce Lee Kihlstrom, Chapel Hill, NC
Dr. Howard Samuel Kroop, Woodbury, NJ
Dr. Robert Winfield Little, Sr., Burlington, NC
Dr. William Everett Long, Newton, NC
Dr. John Robert Lurain, III, Oak Park, IL
Dr. John Thomas Manning, Jr., Houston, TX
Dr. Steven Robert Mills, Fairfax, VA
Dr. Scott Yorke Pharr, III, Williamsburg, VA
Dr. Ronald Jay Stanley, Boone, NC
Dr. Mary Ann Groce Welt, Johnson City, TN
Dr. J. Richard Young, Newton Highlands, MA

CLASS OF 1973
Dr. G. Ruffin Benton, III, Brevard, NC
Dr. Stephen Alan Bernard, Chapel Hill, NC
Dr. Stephen Bates Billick, New York, NY
Dr. Jesse Aycock Blackman, Fremont, NC
Dr. Franklin St. Clair Clark, III, Fayetteville, NC
Dr. Melvin Louis Clayton, Murfreesboro, NC
Dr. Frank Elbert Davis, III, Rocky Mount, NC
Dr. Thomas Richard Dempsey, Mobile, AL
Dr. David Alan Grimes, Los Angeles, CA
Dr. F. Daniel Jackson, Cumberland, MD
Dr. J. Charles Jennette, Chapel Hill, NC
Dr. Dennis Robert Johnson, York, PA
Dr. Colin Douglas Jones, Winton, NC
Dr. James Nello Martin, Jr., Jackson, MS
Dr. Dale Alan Newton, Greenville, NC
Dr. Gary Stewart Niess, Charlotte, NC
Dr. David Read Patterson, Greensboro, NC
Dr. Wilton McLean Reavis, Jr., Lakeland, FL
Dr. C. Stewart Rogers, Greensboro, NC
Dr. Robert Raymond Walther, New York, NY

CLASS OF 1974
Dr. Robert Martin Alsup, Winston-Salem, NC
Dr. John Harrison Baker, Williamsburg, VA
Dr. Thomas Welborn Bouldin, Chapel Hill, NC
Dr. Paul Samuel Camnitz, Greenville, NC
Dr. David Robert Clemmons, Chapel Hill, NC
Dr. George Watts Colclough, Lexington, KY
Dr. Charles David Collins, Mount Airy, NC
Dr. Thomas Harmon Dukes, III, Charleston, SC
Dr. Stephen Smith Hawkins, Chattanooga, TN
Dr. J. Harden Howell, III, Wenatchee, WA
Dr. Lynn David Ikenberry, Chapel Hill, NC
Dr. Joseph McKendrie Jenkins, Washington, NC
Dr. William Henry Katz, Auburn, ME
Dr. John Albert Lang, III, Raleigh, NC
Dr. Clyde Nolan, Jr., Greensboro, NC
Dr. H. Clifton Patterson, III, Raleigh, NC
Dr. Harold C. Pollard, III, Winston-Salem, NC
Dr. Suzanne Van Houten Sauter, Chapel Hill, NC
Dr. Charles Harris Weiss, Newton, NC
Dr. William Grady Wilson, Charlottesville, VA

CLASS OF 1975
Dr. E. Jackson Allison, Jr., Greenville, NC
Dr. James F. Black, Lexington, NC
Dr. Julian Chisolm Brantley, III, Washington, NC
Dr. Julian Thweatt Brantley, Jr., Bethesda, MD
Dr. Patrick Garnett Bray, Cleveland, OH
Dr. E. Drew Bridges, Wake Forest, NC
Dr. Frank Burkett Fondren, III, Mobile, AL
Dr. Richard Franklin Fox, Greensboro, NC
Dr. Eric Haigler Helsabeck, Asheboro, NC
Dr. Gary Mayes Henschen, Greensboro, NC
Dr. Ernest J. F. Krug, III, Greenville, NC
Dr. David Stancil Lennon, Charlotte, NC
Dr. Gary Mark McClain, Tequesta, FL
Dr. Stephen Maurice Miller, Greensboro, NC
Dr. Frank Hannon Moretz, Asheville, NC
Dr. Wade Hauser Moser, Jr., Raleigh, NC
Dr. Dan Allen Myers, Kinston, NC
Dr. W. Ronald Neal, Greensboro, NC
Dr. Henry Edward Parfitt, Fayetteville, NC
Dr. Charles Johnson Parker, Salt Lake City, UT
Dr. James Edward Peacock, Winston-Salem, NC
Dr. Joseph Bond Philips, III, Birmingham, AL
Dr. W. Paul Sawyer, Tallahassee, FL
Dr. Mark Michael Vogelhut, Tallahassee, FL
Dr. Kenneth Howe Winter, Greensboro, NC
Dr. Lawrence I. Young, Hixson, TN

CLASS OF 1976
Dr. Kirkwood Floyd Adams, Jr., Chapel Hill, NC
Dr. Brenda L. Adams-Hudson, Hampton, VA
Dr. Warwick Aiken, III, Gastonia, NC
Dr. Paul Douglas Barry, Greensboro, NC
Dr. Robyn Walters Barst, Scarsdale, NY
Dr. W. Bryson Bateman, Jr., Goldsboro, NC
Dr. Martin Fearing Beals, Jr., Elizabeth City, NC
Dr. Robert Gary Berger, Chapel Hill, NC
Dr. Jean Crowell Bolan, Washington, DC
Dr. Alexis C. Bouteneff, Litchfield, CT
Dr. Richard Allan Bowerman, Ann Arbor, MI
Dr. Barbara Jean Campbell, Somerset, PA
Dr. Corneliuus F. Cathcart, Henderson, NC
Dr. William Hedrick Gamble, Greensboro, NC
Dr. Anne Colclough Hawes, Charlotte, NC
Dr. Stephen James Hawes, Jr., Charlotte, NC
Dr. Walker Anderson Long, Chapel Hill, NC
Dr. Ross David Lynch, Columbia, SC
Dr. Rubin Franklin Maness, Goldsboro, NC
Dr. John Harvey McMurray, Charlotte, NC
Dr. Michael Edward Miller, Franklin, TN
Dr. B. Douglas Morton, III, Macon, GA
Dr. Robert Stephen Moskalik, Coldwater, MI
Dr. David Blair Neeland, Montgomery, AL
Dr. Harold Alfonzo Nichols, Greensboro, NC
Dr. Vincent Edgar Paul, Greensboro, NC
Dr. Douglas Craig Privette, Greenville, NC
Dr. Sheldon Michael Retchin, Richmond, VA
Dr. Tate Mosely Rogers, Greensboro, NC
Dr. David Freeman Silver, Charlottesville, VA
Dr. Linnea Weblemoe Smith, Chapel Hill, NC
Dr. Rufus Henry Temple, Jr., Wilmington, NC
Dr. F. Ray Thigpen, Whiteville, NC
Dr. Richard Lee Wing, Charlotte, NC

CLASS OF 1977
Dr. Michael Lynn Barringer, Shelby, NC
Dr. John Winchester Byers, Green Cove Springs, FL
Dr. Allen Joe Daugird, Columbia, MO
Dr. Meyer Edwin Dworsky, Huntsvillle, AL
Dr. Larry Duane Eggert, Ogden, UT
Dr. Ronald Jonathan Falk, Chapel Hill, NC
Dr. William Boyd Harden, Bluefield, WV
Dr. Charles Henry Hoover, III, Monroe, NC
Dr. William Luther Isley, Overland Park, KS
Dr. L. Lyndon Key, Jr., Hickory, NC
Dr. Frederick Harrison Mabry, Laurinburg, NC
Dr. S. Ray Mitchell, Alexandria, VA
Dr. David Hunter Moore, Durham, NC
Dr. Warren Hamilton Moore, Sugar Land, TX
Dr. Scott Harold Norwood, Champaign, IL
Dr. Melinda Coover Paul, Greensboro, NC
Dr. Louis Morris Perlmutt, Chapel Hill, NC
Dr. Duncan Sybren Postma, Tallahassee, FL
Dr. Catherine Marie Radovich, Tsaile, AZ
Dr. Keith Maxwell Ramsey, Mobile, AL
Dr. Roanld Wayne Roberts, Greensboro, NC
Dr. William Halsell Ryan, III, Dallas, TX
Dr. Samuel Thwing Selden, Chesapeake, VA
Dr. John Braswell Smith, Jr., Clinton, NC
Dr. Howard Jay Stang, Saint Paul, MN
Dr. John Herbert Stanley, Jr., Wilmington, NC
Dr. Gregory Strayhorn, Chapel Hill, NC
Dr. Michael Mundy Ward, Wilmington, NC

School of Medicine graduates Frederick Beddingfield III and Catherine Gordon

CLASS OF 1978
Dr. James Joseph Bedrick, Charlotte, NC
Dr. John DeWitt Benson, Cary, NC
Dr. William Gilmer Clark, Charlotte, NC
Dr. Brian Jeffrey Cohen, Cambridge, MA
Dr. Paul William Coughlin, High Point, NC
Dr. John D. Davis, Jr., Blowing Rock, NC
Dr. Alfred Leon Harkley, Greenville, NC
Dr. Thomas Eugene Lauer, High Point, NC
Dr. Jeffrey Alan Margolis, Tappahannock, VA
Dr. Lonnie William Merrick, Chapel Hill, NC
Dr. Mark Donald Monson, Spartanburg, SC
Dr. James Evans Nicholson, III, Williamston, NC
Dr. Michael Young Parker, Raleigh, NC
Dr. Donna Lynn Prather, Carrboro, NC
Dr. Stuart Charles Segerman, Atlanta, GA
Dr. Thomas Charles Shea, Poway, CA
Dr. Susan Tripp Snider, Burnsville, NC
Dr. Alan Davis Stiles, Carrboro, NC
Dr. Nancy Lee Teaff, Charlotte, NC
Dr. William Alfred Walker, Charlotte, NC
Dr. Ralph Lane Wall, Jr., Winston-Salem, NC
Dr. J. Byron Walthall, Jr., Charlotte, NC
Dr. David Mitchell Warshaer, Chapel Hill, NC

CLASS OF 1979
Dr. Carla Suzanne Alexander, Baltimore, MD
Dr. Andrew H. Balder, Longmeadow, MA
Dr. Charles Harold Barrier, Greenville, NC
Dr. R. William Bynum, IV, Rocky Mount, NC
Dr. Gail Marie Capel, Schenectady, NY
Dr. Elizabeth Anne Eagle, Greensboro, NC
Dr. Allen Richard Edwards, Statesville, NC
Dr. Ellen B. Fitzgerald, Tulsa, OK
Dr. Sharon McGarry Foster, Raleigh, NC
Dr. Ira Ray Friedlander, Chicago, IL
Dr. Michael Stephen Garrison, Lexington, NC
Dr. Robert Alexander Herrin, Charlotte, NC
Dr. Lawrence Hoskins Hooper, Jr., El Paso, TX
Dr. David Wolters Kohl, St. Petersburg, FL
Dr. John Chapin Koomen, Nashville, TN
Dr. Darlyne Menscer, Charlotte, NC
Dr. James Gwyn Peden, Jr., Greenville, NC
Dr. Thomas Burton Prebble, Marshfield, WI
Dr. James Lyon Sanderford, Jr., Pfafftown, NC
Dr. Steven Richard Sherwin, East Hills, NY
Dr. Richard Lee Sigmon, Jr., Charlotte, NC
Dr. R. Mark Stiegel, Charlotte, NC
Dr. Margery Sue Sved, Durham, NC
Dr. Frances Russell Thomas, Durham, NC
Dr. Paul Alfred Vadnais, Charlotte, NC
Dr. John Michael Westafer, Gulf Breeze, FL
Dr. Mack Willis White, III, Charlotte, NC
Dr. C. Phillip Whitworth, Forest City, NC
***Dr. Norman Francis Woodlief, Cedar Falls, IA**

CLASS OF 1980
Dr. Edward Hiltner Bertram, III, Charlottesville, NC
Dr. Karen Sheree Capel, Eden, NC
Dr. Phillip Kevin Dorton, Thomasville, NC
Dr. Ernest Bernard Eason, Burlington, NC
Dr. Patricia Teague Edkins, Chapel Hill, NC
Dr. David Drew Gutterman, Iowa City, IA
Dr. Raymond Allen Hackett, Wayzata, MN
Dr. Sandra Kay Haigler, Lexington, KY
Dr. Carl Lewis Haynes, Jr., Kinston, NC
Dr. Mark Alan Helvie, Ann Arbor, MI
Dr. James Patrick Holland, Winston-Salem, NC
Dr. R. Bruce Jackson, II, Boone, NC
Dr. Julia Kelly Kahler, Chapel Hill, NC
Dr. Janice Dixon Key, Hickory, NC
Dr. Daniel Michael Lewis, Charlotte, NC
Dr. William Latimer, Iowa City, IA
Dr. Christine Cox Mahvi, Middleton, WI
Dr. E. John Markushewski, Jr., Sulligent, AL
Dr. Steven Kelly McCombs, Chapel Hill, NC
Dr. Cort Andrew Pedersen, Pittsboro, NC
Dr. Dwight Dean Perry, Durham, NC
Dr. Jack Benson Potter, Jr., Atlanta, GA
Dr. Petrie Morrison Rainey, Hamden, CT
Dr. Suzanne Rogacz, Bethesda, MD
Dr. Robert Collins Rountree, Boulder, Co
Dr. Lyle Spencer Saltzman, Satellite Beach, FL
Dr. Walter Judson Steele, Charlotte, NC
Dr. Ben David Thomas, Jr., Atlanta, GA
Dr. Donna Way Tilson, Louisville, KY
Dr. Jerry Wayne Withrow, Charlotte, NC

CLASS OF 1981
Dr. Paul Stephen Andrews, Chapel Hill, NC
Dr. Rebecca Ison Ayres, Roswell, GA
Dr. Elizabeth Peterson Belch, Melbourne, FL
Dr. William Robert Bolding, Raleigh, NC

Dr. Stephen Eugene Buie, Asheville, NC
Dr. Graham Wesley Bullard, Charlotte, NC
Dr. Michael Claude Burnette, Tampa, FL
Dr. Deborah H. Davis, Auburn, WA
Dr. David Michael Deitz, Olympia, WA
Dr. Amelia Fischer Drake, Chapel Hill, NC
Dr. Thomas R. Easterling, III, Seattle, WA
Dr. David Keith Harper, Concord, NC
Dr. William Mauney Herndon, Jr., Charlotte, NC
Dr. Edward Kenneth Isbey, III, Asheville, NC
Dr. Jane Elizabeth Lysko Isbey, Asheville, NC
Dr. Douglas Philip Kiel, Canton, MA
Dr. Garland Coffield King, Franklin, NC
Dr. Nanetta Bonita Lowe-Roche, Tamuning, GU
Dr. Saundra Ann Maass-Robinson, East Point, GA
Dr. John Rowland Mangum, Sanford, NC
Dr. Thomas Hatton McCoy, Charlotte, NC
Dr. William Bellamy Olds, Roxboro, NC
Dr. Herbert O. Phillips, IV, Webster, NC
Dr. John Butler Plonk, Jr., Charlotte, NC
Dr. Teresa Anne Rummans, Rochester, MN
Dr. Timothy Gray Saunders, Charlotte, NC
Dr. Thomas Johnston Seely, Greensboro, NC
Dr. George Horace Steele, Jr., Chapel Hill, NC
Dr. Ronald Martin Walters, Whiteville, NC
Dr. Lena Katherine White, Charlotte, NC
Dr. William Winkenweder, Jr., Atlanta, GA
Dr. Warden Lewis Woodard, III, Charlotte, NC

CLASS OF 1982
Dr. Jimmie Warren Adcock, Charlotte, NC
Dr. Mary John Baxley, Greensboro, NC
Dr. Lawrence Northwood Bennett, Wilkesboro, NC
Dr. Floriece Graham Blackmon, Lubbock, TX
Dr. J. Lawrence Brady, Charlotte, NC
Dr. Teresa Truitt Brown, Chapel Hill, NC
Dr. Iley Baker Browning, III, Durham, NC
Dr. David Wayne Cash, Statesville, NC
Dr. Patsy Foster Daniels, Raleigh, NC
Dr. Robert Cedric Dellinger, Jr., Columbia, SC
Dr. Cindy Sue Dieringer, Columbia, SC
Dr. Steven Andrew Dingeldein, Burlington, NC
Dr. John Stuart Gaul, III, Charlotte, NC
Dr. Manning Miles Goldsmith, III, Savannah, GA
Dr. Timothy Owen Jenkins, Concord, NC
Dr. George Angelos Kallianos, Atlanta, GA
Dr. Angela Kendrick, Portland, OR
Dr. Barbara Anne King, Bakersville, NC
Dr. M. Sue Kirkman, Durham, NC
Dr. James Terrill Massagee, Greensboro, NC
Dr. Howard Dean McClamrock, Baltimore, MD
Dr. Mark Douglas Peacock, Mooresville, NC
Dr. John Hamlin Rennick, Jr., Charlotte, NC
Dr. Hal Dean Safrit, Chapel Hill, NC
Dr. Anne Guerci Tyson, Penn Valley, PA
Dr. Eric David Van Tassel, Asheville, NC
Dr. Fred Henry Wilson, Greensboro, NC

CLASS OF 1983
Dr. Cristin Jane Babcock, Portland, OR
Dr. Thomas Wyatt Benton, Charlotte, NC
Dr. Aubrey Daniel Calhoun, Mooresville, NC
Dr. Donald Wayne Carringer, Crossnore, NC
Dr. Douglas Winston Clark, Durham, NC
Dr. R. Carter Clements, Oakland, CA
Dr. Thomas Cook Darrell, Fuquay-Varina, NC
Dr. Gary Lee Fink, Faith, NC
Dr. Michael Bruce Fischer, Glastonbury, CT
Dr. Thomas Somjen Frazer, Wilkesboro, NC
Dr. Patricia Ann Friedman, Chapel Hill, NC
Dr. Charles Christian Goodno, Morehead City, NC
Dr. Kimberly Stone Haltiwanger, Baltimore MD
Dr. Thomas Titus Hunter, Swansboro, NC
Dr. Mark Warner Jacokes, Nashville, TN
Dr. Elizabeth Spitznagel Kopin, Wellesley Hills, MA
Dr. Oveta Birdena McIntosh-Vick, Durham, NC
Dr. Barbara Butler, McPherson, Ozark, AL
Dr. James Charles Osborne, Greensboro, NC
Dr. Randy Gerald Robinson, Greenwood, SC
Dr. Jackie Newlin Saleeby, Raleigh, NC
Dr. J. Michael Seward, Thomson, GA
Dr. Gail Lynn Shaw, Silver Spring, MD
Dr Paula Yvonne Smith, Raleigh, NC
Dr. Paul Boksuk Suh, Durham, NC
Dr. Shirley Thompson, Baltimore, NC
Dr. Deborah Lauth Tussing, Annapolis, MD
Dr. John Howard Williams, Raleigh, NC

CLASS OF 1984
Dr. Mark Harned Davis, Orange, CA
Dr. W. Kent Davis, Durham, NC
Dr. Eli David Finkelstein, Edison, NJ
Dr. J. Carver Hill, Cary, NC
Dr. Marcia Anne Koomen, Chapel Hill, NC
Dr. G. Craig Lynch, Westwood, KS
Dr. Howard Wilson Newell, Jr., Goldsboro, NC
Dr. Richard Claiborne Noble, Raleigh, NC
Dr. Ronald Edward Pruitt, Nashville, TN
Dr. Richard Gibran Saleeby, Jr., Raleigh, NC
Dr. Paul William Sasser, Eden, NC
Dr. Mary Alison Saunders, Springfield, IL
Dr. John Martz Schoffstall, Philadelphia, PA
Dr. Sharon Rose Stephenson, Cary, NC
Dr. Richard Clark Stuntz, Jr., Charlotte, NC
Dr. Denny Cook Tate, Burlington, NC
Dr. Jean Gregory Taylor, Greensboro, NC
Dr. Paul Edward Viser, Clinton, NC
Dr. Robert Alan Wainer, Greensboro, NC
Dr. Daniel Walter Williams, III, Raleigh, NC

CLASS OF 1985
Dr. Leslie Anne Bunce, Rochester, NY
Dr. Catherine Gordon Fuller, Los Angeles, CA
Dr. Rona Elsberth Hodge, Kansas City, MO
Dr. Margaret Gould Johnson, Chapel Hill, NC
Dr. Stuart Harrington Jordan, Fayetteville, NC
Dr. Frederick Warren Lawler, Jr., Chapel Hill, NC
Dr. Gwenn Elizabeth McLaughlin, Coral Gables, FL
Dr. Robert Fulton Murray, III, Hickory, NC
Dr. Albert James Osbahr, III, Waynesville, NC
Dr. Frederick Bowen Payne, Jr., Chapel Hill, NC
Dr. Gregory Wayne Shipp, Seattle, WA
Dr. Helen Elizabeth Smith, Roanoke, VA
Dr. Grady King Snyder, Jr., Pagosa Springs, Co
Dr. David Hadley Viskochil, Salt Lake City, UT
Dr. Randall Watts Williams, Raleigh, NC

CLASS OF 1986
Dr. Tawanda Bowden Clayton, Lumberton, NC
Dr. Stephen Edgar Deal, Richmond, VA
Dr. Lynne Convington Garrison, Greenville, NC
Dr. Bruce Elliott Herman, Salt Lake City, UT
Dr. Kim Richard Jones, Chapel Hill, NC
Dr. Walton Kitchin Joyner, Jr., Raleigh, NC
Dr. Rebecca Smith Kennedy, Carrboro, NC
Dr. Patricia Crea LaRocco, Willingboro, NJ
Dr. Eric Wesley Miller, Carrboro, NC
Dr. Jorge Plutzky, Boston, MA
Dr. Amy Hair Tucker, Charlotteville, VA
Dr. Deborah Timmons Wadsworth, Columbia Heights, MN
Dr. Johnathan Deleon Williams, Gastonia, NC

CLASS OF 1987
Dr. Linda Raines Belhorn, Cincinnati, OH
Dr. David W. Boone, Chattanooga, TN
Dr. Carolyn Clark, Warner Rubins, GA
Dr. Gregor G. Cleveland, Gainesville, FL
Dr. James E. Crowe, Jr., Chevy Chase, MD
Dr. Ira G. Early, Jr., Denver, CO
Dr Lee Anne Furlong, Portlant, OR
Dr. Lochrane Grant, Del Mar, CA
Dr. William W. Nichols, Seattle, WA
Dr. C. Alan Ross, Greensboro, NC
Dr. Ronald B. Shapiro, Indianapolis, IN
Dr. Robyn L. Stacy-Humphries, Silver Spring, MD
Dr. William R. Sutton, Charleston, SC
Dr. Paul A. Young, Sumter, SC

CLASS OF 1988
Dr. Brenton T. Burkholder, Atlanta, GA
Dr. Kirsten M. Gross, Charlotte, NC
Dr. Stuart J. Levin, New Haven, CT
Dr. Emmett, F. Steward, Chapel Hill, NC

CLASS OF 1989
Dr. W. Randall Harris, IV., Charlotte, NC
Dr. Margaret F. Marsden, Greensboro, NC
Dr. Gary W. Roper, Greensboro, NC
Dr. Philip W. Royal, Chapel Hill, NC
Dr. Angela Sanders-Cliette, Durham, NC
Dr. Yolanda V. Scarlett, Chapel Hill, NC
Dr. Lorna A. Westfall, Greensboro, NC
Dr. Barton G. Williams, Augusta, GA
Dr. Jon P. Woods, Saint Louis, MO
Dr. Ann J. Yadusky, Rochester, NY

CLASS OF 1990
Dr. W. Blake Garside, Jr., Nashville, TN
Dr. Leigh C. Haley, Iowa City, IA
Dr. Susan J. Hardesty, Mount Pleasant, SC
Dr. Wanda K. Nicholson, Durham, NC
Dr. Pamela J. Reitnauer, Chapel Hill, NC
Dr. Tonja M. Wynn, Atlanta, GA

CLASS OF 1991
Dr. Bill Berry, Jr., Chicago, IL
Dr. N. Elaine Broskie, Portland, OR
Dr. Angela Ferebee, Norfolk, VA
Dr. Leon W. Herndon, Jr., Chapel Hill, NC
Dr. William P. Killam, Chapel Hill, NC
Dr. Terri R. Martin, Chapel Hill, NC
Dr. Chapman T. McQueen, Graham, NC
Dr. Vincent C. Phillips, Raleigh, NC
Dr. Richard P. Shea, Jr., San Antonio, TX
Dr. Danny Silver, Columbia, SC
Dr. Mark A. Spears, Chapel Hill, NC
Dr. Parlyn D. Thurman, Silver Spring, MD

Class Notes

Manning Berryhill Club

Louis Appel, M.D. '31, has retired from pediatrics practice. He reports that he's sold his boat, but is still an active amateur ham radio operator (KC4FQF) and would like to communicate with classmates via radio. He lives in Newtown, CT.

Harold W. Glascock Jr., M.D. '32, has retired from practice, but continues consulting in catastrophic injury or disease cases. He is the proud grandfather of a 3-1/2 year-old grandson, Harold IV. Glascock lives in Williamsburg, VA.

Paul H. Rhodes, M.D. '33, is associate clinical professor of pediatrics emeritus at the University of Colorado. He retired in May 1990, but reports he still doesn't have enough time for traveling, gardening, bridge, choral singing, handbell ringing and delivering Meals on Wheels. He lives in Lakewood.

Stephen H. Mazur, M.D. '40, has retired from his anesthesiology practice and is active as a health volunteer to other countries, including Israel and Uganda and several Caribbean islands. He's also working on his keyboard skills. Mazur lives in Ormond Beach, FL.

Fred Bowman, M.D. '50, is professor of clinical surgery, College of Physicians and Surgeries, Columbia University. He is retiring soon and moving to Chapel Hill late this year.

L.L. Anthony, M.D. '51, has retired after 34 years of practice. He lives in Gastonia.

50s

A. Everette James Jr., M.D. '59, has been named president-elect of the American Roentgen Ray Society, the oldest radiology society in North America. He and his wife, Jeannette, have three children and live in Nashville, TN. The James family exhibited their southern folk art collection at the Sawtooth Center of the Museum of the Southern Decorative Arts in Winston-Salem last summer. The collection has 62 works by 48 artists. James was the speaker at the opening reception.

60s

Dave M. Davis, M.D. '63, is director of the Piedmont Psychiatric Clinic. In addition to his psychiatry practice in Atlanta, he owns an air conditioning business in Birmingham, AL, with brother Mike, and a "great" bar in Athens, GA, with son Scott.

Hugh W. Ridlehuber, M.D. '64, is director of the Children's Program at Belmont Hill Hospital in California. He lives in Burlingame.

F. Walton Avery, M.D. '67, is a pathologist at Raleigh Community Hospital. He is pursuing the Master of Theological Studies degree at Duke Divinity School.

Ted Rogers, M.D. '67, joined some 70 American and Canadian private pilots last June for an unprecedented flight into the Soviet Union. Rogers and his co-pilot flew their Cessna 210 single-engine plane from Asheville to Fairbanks, AK, then joined the 34 other small planes for the trip across Alaska and the Bering Sea into Siberia. The pilots stayed with Soviet families in Povideniya. Rogers made a short visit to the local hospital and reports very primitive facilities and a limited number of physicians. He has an ophthalmology practice in Clyde.

Henry C. Thomason Jr., M.D. '67, is a cardiologist in Gastonia. His son, H. Clayton III, entered medical school at UNC in August.

John L. Powell, M.D. '68, is chief of gynecologic oncology at Baystate Medical Center, and has been promoted to professor of obstetrics and gynecology. He is a reviewer for three journals: *Obstetrics and Gynecology, American Journal of Obstetrics and Gynecology,* and *Gynecologic Oncology,* and has invented three surgical instruments. He lives in Springfield, MA.

70s

Carol A. Aschenbrener, M.D. '71, executive associate dean at the University of Iowa College of Medicine, has been elected to a three-year term on the American Medical Association's Council on Medical Education. She lives in Iowa City.

W. Rodwell Drake Jr., M.D. '72, has been named health director of the Granville-Vance District Board of Health. Previously, he was with the Henderson Family Medicine Clinic. He and his wife, Beverly, have three children.

Dale A. Newton, M.D. '73, has become associate professor of pediatrics at East Carolina School of Medicine after 14 years of private practice. He says he decided to try a new challenge, and that his wife and sons like Greenville.

Charles B. Nemeroff, Ph.D. '76, M.D. '81, has been appointed professor and chairman of the Department of Psychiatry at Emory University School of Medicine. He and his wife, Melissa, have three children.

Richard Bohannon, M.S. '77, Physical Therapy, is an associate professor at the University of Connecticut. He also is the founding editor of the *Journal of Human Muscle Performance,* published by Aspen Publishers for the first time last June.

Gwendolyn M. Boyd, M.D. '77, is director of gynecology at the Carolinas Medical Center in Charlotte.

Class Notes

Howard Stang, M.D. '77, has been named clinical associate professor of pediatrics at the University of Minnesota. He is continuing work in clinical research with his wife, Jill, who has been the research nurse in several projects. They reside in White Bear Lake.

G. Alan Stoudemire, M.D. '77, an associate professor at Emory University School of Medicine, collaborated with Brown University psychiatrist Barry S. Fogel, M.D., to compile a medical text, *Medical Psychiatric Practice, Volume I* (American Psychiatric Press, May 1991). Stoudemire, who serves as director of the Medical-Psychiatric Unit at Emory University Hospital and as director of medical student education in psychiatry at Emory, has edited several other textbooks.

Stan Williams, M.D. '79, recently was elected to the Society of Reproductive Endocrinologists and the Society of Reproductive Surgeons. He is chief of reproductive endocrinology and infertility at the University of Florida. He lives in Gainesville.

80s

David W. Branyon, M.D., Housestaff '80, has established a mental health private practice in Hickory.

Walter Eugene Egerton III, M.D. '80, is currently a major in the U.S. Army Medical Corps and has been selected for promotion to Lt. Colonel during the year. He serves as Brigade Surgeon, U.S. Corps of Cadets and as chief of the Cadet Health Clinic, U.S. Military Academy at West Point. He and his wife, Deborah, have three children.

John Markushewski, M.D. '80, is a full-time emergency department physician, practicing at the Decatur (AL) General Hospital.

MaryAnne Dooley, M.D. '83, has joined the UNC rheumatology faculty after completing a fellowship at Duke University.

Judy Atkins White, M.S. '84, Physical Therapy, is a visiting assistant professor at UNC.

Barbara Sheline, M.D. '84, and **Jonathan Sheline, M.D. '84,** are both on the faculty at Duke University in the Department of Community and Family Medicine. Barbara is a clinical assistant professor and Jonathan is an assistant professor. They report that they left North Carolina with two dogs and returned with two kids and one dog.

Robert P. Lineberger, M.D. '84, and **Catherine K. Lineberger, M.D. '87,** have returned to Chapel Hill after several years in Boston. Catherine is an associate in anesthesiology at Duke University Medical Center, and Robert is an internist with Kaiser.

Sebastian Alston, M.D. '85, has been appointed assistant professor of pathology at the University of Virginia School of Medicine. He also will be associate director of the autopsy service. Alston completed a fellowship in cerebrovascular diseases at Duke University.

Keith Marshall Horton, M.D. '85, is an attending interventional radiologist at the Washington (DC) Hospital Center. He completed a one-year fellowship at the University of Minnesota in cardiovascular-interventional radiology.

Carolyn Clark-Tilley, M.D. '87, is chief of internal medicine at Warner Robins (GA) Air Force Base. She and her new husband, Capt. Charles E. Tilley, plan a move to Frankfurt, Germany, soon.

Tommy Lawrence, M.D. '87, is a chief resident in diagnostic radiology at the University of Alabama Hospitals in Birmingham. He begins a fellowship in interventional radiology at Bowman Gray School of Medicine in Winston-Salem in July 1992.

Teresa Melvin, M.D. '87, has started a private practice in Mooresville. She reports they love living on Lake Norman.

Elizabeth C. Adams, M.D. '88, is chief resident at Jackson Memorial Hospital, University of Miami. She plans to begin private practice in North Miami in July 1992.

Jeff Roller, M.D. '88, has completed residency training in emergency medicine at East Carolina University. He and his wife, Lisa, live in Morganton where he works for Mountain Emergency Physicians at Grace Hospital.

Brett R. Gandhi, M.D. '89, and his wife, Bonita, are the parents of a new daughter, born on Father's Day 1991. Gandhi will begin fellowship training in gastroenterology in July 1992 at the Genesee Hospital in Rochester, NY, where they now live.

90s

Lawrence Nycum, M.D. '90, is a resident in obstetrics and gynecology at Thomas Jefferson University Hospital in Philadelphia, after completing a surgical internship at the Graduate Hospital at the University of Pennsylvania.

Deaths

Frank Baker Marsh, M.D. '17
Bain Lafayette Heffner, M.D. '33
John D. Shoop, M.D., Housestaff '63

President's Letter

This letter will be brief since the hoopla of the last issue has embarrassed me a bit. Also, friends who knew the whole truth (that the girth is wider and the hair gray and thinning) have had much to say.

Speaking of close friends, I was fortunate to have been with two classes ('59 and '60) going through, and I remember fondly the many close friendships made and warm comraderie shared during the long hours of medical school.

Our recent successes in reaching out to alums and consequent support in time and dollars is warming and we will have to do even better this year. However, it does sadden me to realize how many old friends do not join in the alumni activities, either attending functions or contributing to the needs of the school or both. This leads me to wonder if our medical alma mater needs to provide more for your continuing exposure to recent medical advances or make available a pleasant forum to meet old friends. For me, it does both in a familiar, informal setting.

Please write me if there are sins of omission or sins of commission over the years, which we could attempt to improve. Medical school was an important part of our lives; next to family and church (and perhaps hunting, fishing, golf and tennis), it still should be. Together, we have the ability to make a real difference in its future.

Write me, and give of your time and talents in its support. With best wishes for the fall.

Sincerely,

E. Carwile LeRoy

E. Carwile LeRoy, M.D. '60

CME/Alumni Calendar

Medical Alumni Activities		
November 15-16	Fall Medical Alumni Weekend	Chapel Hill
April 3-4, 1992	Annual Medical Alumni Meeting	Chapel Hill
Continuing Education		
November 15-16	Prostate Cancer: Screening and Treatment Controversies	Chapel Hill
November 16-17	George Ham Psychiatry Symposium	Chapel Hill
December 6-7	Sixth Annual Sports Medicine Conference for the Primary Care Physician	Research Triangle Park
December 6-7	Management of the Patient with Vascular Disease	Chapel Hill
January 23-25, 1992	Geriatric Update 1992	Chapel Hill
February 27	Carolina Literacy Symposium	Research Triangle Park
February 28-29	NC Augmentative Communication Conference	Research Triangle Park
March 4-7	Sixteenth Annual Internal Medicine Conference	Chapel Hill
March 19	Research in Primary Care	Chapel Hill
March 27-28	Expert Medical Evaluation in Child Physical and Sexual Abuse	Chapel Hill
April 10	Harrie R. Chamberlin Symposium	Chapel Hill
May 30	Mediolegal Seminar	Chapel Hill
June 19-21	Daily Anesthetic Challenges	Hilton Head

For more information about CME courses or alumni activities, write the Office of Continuing Medical Education and Alumni Affairs, School of Medicine, 231 MacNider, Chapel Hill, NC 27599-7000 or call 1-800-862-6264.

Nonprofit Organization
U.S. Postage
PAID
Chapel Hill, NC
Permit No. 24

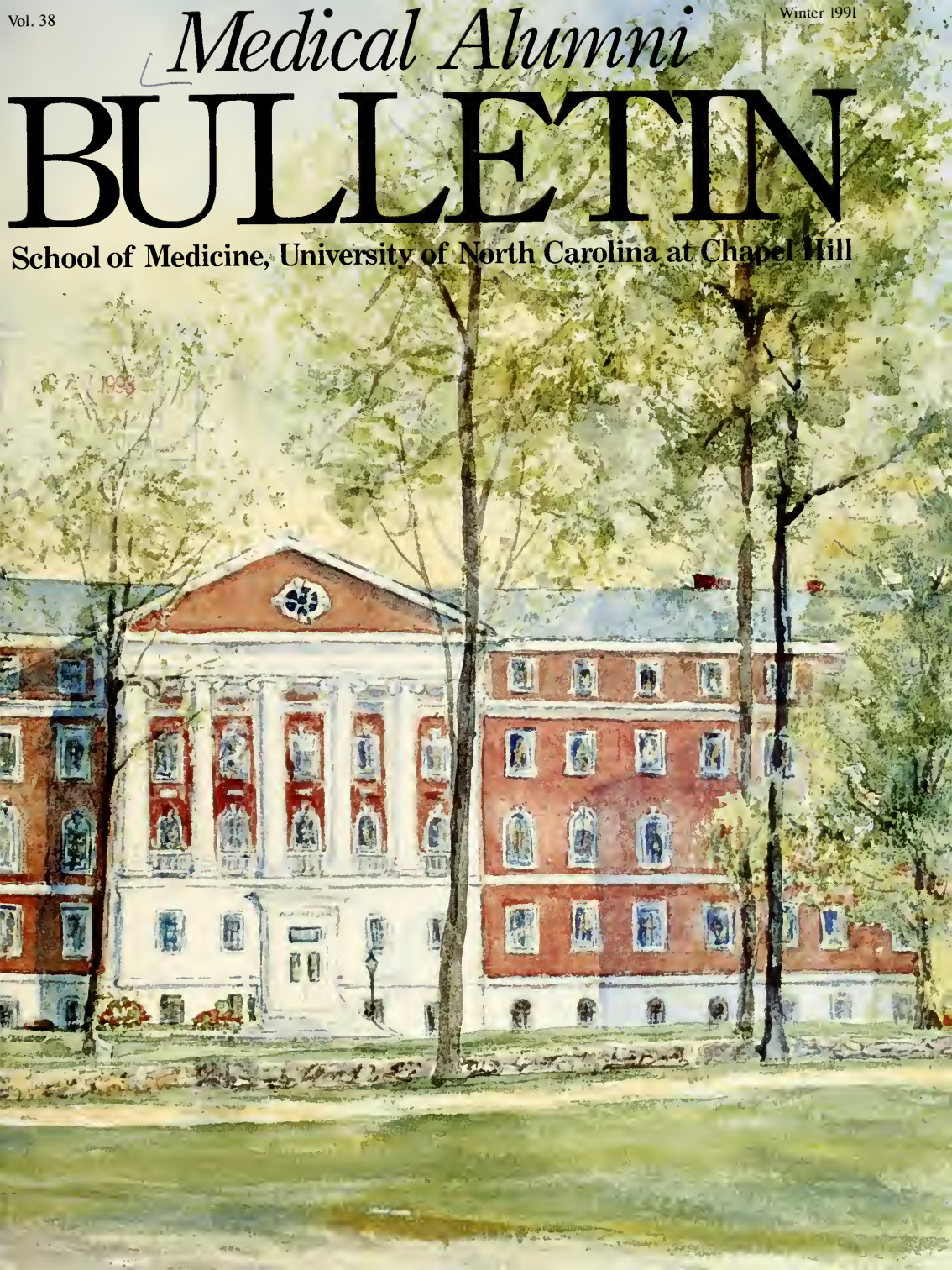
PERIODICALS DEPARTMENT
HEALTH SCIENCES LIBRARY
CB 7585
CHAPEL HILL NC 27599

Vol. 38

Winter 1991

Medical Alumni BULLETIN

School of Medicine, University of North Carolina at Chapel Hill



Vol. 38

Medical Alumni BULLETIN

Winter 1991

School of Medicine, University of North Carolina at Chapel Hill

Medical Alumni BULLETIN

School of Medicine, University of North Carolina at Chapel Hill

Alumni Publications Advisory Committee

W. Grimes Byerly, M.D. '50
ex officio

Nancy C. Chescheir, M.D. '82

William E. Easterling Jr., M.D. '56
ex officio

Gerald W. Fernald, M.D. '60

George Johnson Jr., M.D. '50

Janice C. Keene, M.S.

E. Carwile LeRoy, M.D. '60
ex officio

Kenneth J. Levin, M.D.

Jane McNeer
ex officio

William S. Pollitzer, Ph.D.

David A. Rendleman, M.D. '70
ex officio

Stephanie C. Stadler
ex officio

John W. Stokes
ex officio

Editor

John W. Stokes,
Director, Institutional Relations

Michael A. Wagoner,
Managing Editor

Beverly B. Thompson,
Associate Editor

The *Medical Alumni Bulletin* is published four times annually by the University of North Carolina at Chapel Hill Medical Alumni Association, Chapel Hill, NC 27514. Postage is paid by the non-profit association through U.S. Postal Permit No. 24. Address correspondence to the editor, Office of Medical Center Public Affairs, School of Medicine, CB #7600, University of North Carolina, Chapel Hill, NC 27514.

Contents

Features

Problem-Based Learning: Moving Beyond The Lecture 2

UNC Alumnus Leaves a Legacy of Caring for Children 5

UNC Organ Transplant Program Making Tomorrows a Reality 8

Medical Pioneer Verne Caviness Gives Roses Along the Way 13

John Foust, M.D.: On Strengthening Medical School Ties 15

The Changing Faces of Today's Medical Student 17

Departments

Dean's Page . . . . . Inside Front Cover

News Briefs 19

Faculty Notes 28

Class Notes 29

President's Letter . . . . . Inside Back Cover

Alumni/CME Calendar 56

On the Cover

MacNider Hall circa 1940, painted by Chapel Hill artist Eleanor Wiles. Prints of the watercolor, presented to charter member Loyalty Fund Associates during the Fall Medical Alumni Weekend, will be given annually to new Loyalty Fund Associates who contribute $1,000 or more. The original, which was commissioned by the Medical Foundation of North Carolina, hangs in the Dean's Office in MacNider Hall.

Problem-Based Learning: Educating Physicians for the 21st Century

By Val Lauder

Changes in medical education—how the body of knowledge is taught, even what the body of knowledge is—tend to be made at a pace that makes glacial change seem jet-like. So the introduction of pre-clinical, problem-based learning to second-year medical students at UNC this fall is a significant development. And it's just the beginning. The academic year 1991-92 will bring changes in clerkships for third- and fourth-year students. A required ambulatory care selective will be introduced in 1992-93. That academic year is also expected to bring the start of a required community health experience, now in the planning stage.

These changes, growing out of studies by the Task Force on Education in the Ambulatory Care Setting, chaired by Associate Deans William D. Mattern, M.D., and Eugene S. Mayer, M.D., and the Committee to Examine the Clinical Curriculum of the School of Medicine, chaired by William N.P. Herbert, M.D., professor of obstetrics and gynecology, are designed to provide an improved framework for the education of physicians for the 21st century. Problem-based learning, which will probably be expanded and extended to first-year students in 1991-92, grew out of a growing disenchantment by both students and faculty with the old way of conveying the great blocks of information that are necessary in the first two years, and the success of problem-based learning programs at McMasters University in Canada, the University of New Mexico and Harvard Medical School.

"The idea of the problem-based learning is to reorganize the curriculum and focus on a problem, then have the students identify what they need to learn to address the problem," explained Mattern, associate dean for academic affairs and professor of medicine. "Students go find the information independently—which might draw from more than one discipline—then come back and talk to each other about what they've found. Then, they try to integrate that information in the context of the problem."

> Problem solving—and when you view it as part of diagnosis, it's at the heart of medicine—has been found to ease student transition to clinical settings in the third and fourth years.

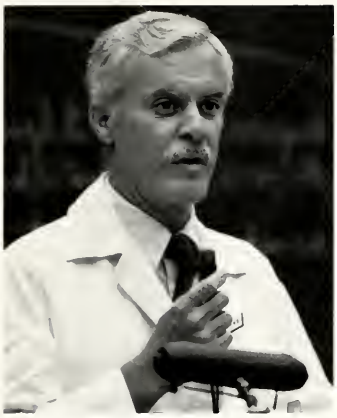
Example: Somebody is shot with an arrow in a hunting accident; the arrow enters here and exits there. The person is brought to the emergency room. The student is supposed to decide what to do.

Mattern notes that students working on this problem would need to know quite a bit about anatomy, through what parts of the body the arrow actually passed. There'd be a need to know something about shock. What happens when somebody goes into shock and what causes that? What do you do about it? There might be a need to know something about how emergency rooms work, how people get transported from an accident scene to a medical-care facility, and how long that takes. What are some of the issues related to emergency medical care?

All the students in the group would need to study anatomy. But one student might volunteer to find out about emergency rooms, another about rescue squads. The students would then return for a second session, working on the problem through discussion and sharing. Faculty tutors stand ready to help.

As distinct from standard problem assignments for which there is a fixed line of correct thought and a right answer, students in problem-based learning situations have major latitude in defining the learning issues so long as their work reaches established standards. The focus is on the students' ability to address problems as well as the specific content areas they study for a given problem.

The problems cross the boundaries between traditional departments and between the basic and clinical sciences. Student evaluation centers on their ability to approach novel problems. Evaluation also depends in part upon paper and pencil exam-



William D. Mattern, M.D.

inations designed to address the material and the skills encountered in the process. Other kinds of data are also important, including faculty and peer ratings of the student's participation in the groups.

Probably the most critical variable in the success of problem-based learning is the role of the faculty tutors. Pairs of tutors work directly with each student group to facilitate the group's work—not to instruct. At UNC, whenever possible, a clinician has been paired with a basic scientist.

Students attend two sessions of one-and-one-half hours each, per case. They work in eight-student groups. The 20 such groups needed to accommodate the 160-student class tackle seven problem cases this first year.

Allen C. Smith, Ph.D., associate director of the Office of Educational Development, said, "The course is evolving, being refined en route. We're listening to students, to faculty tutors and to faculty who are authors of the cases."

"The thing is that the students define the learning issues," said Mattern. "The problems are constructed so that certain problems are kind of obvious, but the students are allowed to come upon these themselves and decide what it is they need to learn. Then they volunteer to look into these different things. It's a much more active learning process, and it's motivated by the problem.

"The old way, they go to a lecture. But they don't know what the topic is. Somebody else has decided the topic. Somebody else has decided it's important for them to learn it, and they go and sit there, and somebody tells them about it. Then they go memorize what somebody's told them."

Problem-based learning has meant another change.

"Seven cases, two sessions on each case, about an hour and a half each time—that's three hours a case, about 22 hours of contact time," said Mattern. "We're taking out twice that much time from the curriculum (45 hours) to allow them not only to have the contact time but the time to look into things."

Problem solving—and when you view it as part of diagnosis, it's at the heart of medicine—has been found to ease student transition to clinical settings in the third and fourth years. They have experience linking, evaluating.

Changes in clerkships and selectives are other important curricular changes.

With the 1991-92 year, the third- and fourth-year clerkships have been modified to reflect increased delivery of services in ambulatory care settings.

A Family Medicine clerkship of one-month duration will replace as a requirement the present Family Medicine preceptorship in the fourth year. A Pediatric clerkship will be extended from six weeks to eight weeks, the additional two weeks to be conducted in ambulatory care settings.

In 1992-93, a one-month Ambulatory Care selective will place emphasis on community medicine, primary care and the development of special sites as teaching settings, such as rural health centers, urban health centers, public health departments and extended care facilities.

"Students," as Mattern put it, "are being moved out of the medical center and into the primary care health centers."

The Family Medicine clerkship specifically addresses the importance of family medicine and the importance of primary care. "We need a better balance in our clerical curriculum between the exposure of students to tertiary care, high technology environments, which are typical of academic medical centers," Mattern explained, "and primary care, particularly as it's practiced in ambulatory care settings and in the community. Family Medicine is an important primary care discipline. They really have first contact with patients. We think it is important for our students to have an exposure to it in their third year."

This student exposure to primary care specialities at an early date in their clinical experiences "does not add time to the curriculum. The resources and organization to support the rotation are in place."

Since the third year is the broad-based exposure to the disciplines, the Pediatric clerkship has been extended from six to eight weeks. The reason, as stated by Mattern: "Most schools of medicine have found, and

Glossary

CLERKSHIP: In the third year, students rotate through the clinical services of five major disciplines: Medicine, Obstetrics and Gynecology, Pediatrics, Psychiatry and Surgery. In addition to learning the content, skills and approaches specific to each clinical specialty, students receive instruction in the many areas of clinical medicine that cut across disciplines: the social, ethical, legal and psychological aspects of medical practice; the health care delivery system; and the practice of cost-effective medicine. Basic clinical skills such as history-taking and physical examinations are emphasized, as appropriate. The AHECs (centers) play a major role in the third and fourth years and offer experiences in community hospitals and with private practitioners. Five basic clerkships have been required of all medical students in the third year; this will become six in 1991-92 when the Family Medicine preceptorship becomes a required Family Medicine clerkship.

PRECEPTORSHIP: The term, as applied to the UNC medical school curriculum, generally refers to an opportunity for advanced students to participate in direct, primary patient care under the guidance and leadership of a faculty "preceptor," usually in clinics and physicians' offices outside the UNC system; the focus is primary care.

ELECTIVE: The definition is similar to that used in other disciplines. Students are required to take at least five electives before graduation, usually in their fourth year. There are approximately 100 electives offered. Individual learning experiences vary in orientation from research to direct patient care.

SELECTIVE: In the UNC curriculum, the term relates to the preclinical curriculum. Each student must take a biomedical science selective and a humanities and social science selective before entering the third year. Like electives, there are many available individual learning experiences that will fulfill these requirements.

AMBULATORY CARE SELECTIVE: It will probably be organized in a fashion similar to other selectives, providing several organized experiences in ambulatory care settings.

the Department of Pediatrics here is firmly convinced, that six weeks is insufficient time for students to achieve an experience broad enough to gain minimal comfort and competence in the medical care of children."

Pediatrics also encompasses the learning of normal growth and development, as well as clinical medicine, as it applies to individuals who are undergoing rapid change. Pediatrics, it should also be noted, is becoming more and more specialized.

The thinking behind the required Community Health Service Project—which, if approved, would be added to the curriculum in 1992-1993—is that students need to be more aware of, and more involved in, health problems that affect populations and communities. Like the Ambulatory Care selective, the idea is to support an increased percentage of student educational time in such settings, and place added emphasis on primary care educational activities and to increase the exposure of students to alternative sites of health care delivery as they train in the high-tech world of the university medical center.

Students need to be more aware of, and more involved in, health problems that affect populations and communities.

Special efforts will be made to develop educational programs that include rural health centers, urban health centers, private group practices, managed health care settings, HMOs, health departments and extended care facilities, including nursing homes.

Mattern adds that these changes to better educate physicians for the 21st century—and those still being considered for future implementation—clearly recognize such aspects of the times as demographics, special rural and urban needs. "But the underlying principles are the essentials of a good medical education in the '90s: A focus on basic concepts in the pre-clinical program, and on the ambulatory setting in the clinical years."

Sample Teaching Problems

This year, second-year students work with a series of seven teaching problems over the year. Synchronized with segments of the "Mechanisms of Disease" course, the cases represent hematology-oncology and the cardiovascular, urinary, respiratory, gastrointestinal, reproductive and nervous systems.

Each case is known by a patient's name and is presented with extensive written detail, and including a variety of specimens, radiographs, videotapes and interviews. The following sample cases illustrate the teaching problems approach:

- "Mr. Max McGee, a 60-year-old accountant, presents to your office with a chief complaint of chest discomfort." Symptoms indicate angina, and Mr. McGee undergoes catheterization and angioplasty twice, and then coronary bypass surgery. The case continues with the advent of pericarditis one year after surgery. Students are encouraged to explore the underlying pathophysiology of the disease and precipitating factors, and the efficacy of different treatments.
- "Mr. George Jackson, a 32-year-old male, is seen by you for evaluation of fever and pulmonary infiltrates." The details of the case suggest a range of infections, but biopsy reveals a large cell lymphoma. Treatment of the lymphoma eventually leads to aleukemic leukemia, and Mr. Jackson dies five years after his initial presentation. The differential diagnosis at both stages includes infection and tumor. Students are encouraged to explore the differences and the corresponding data.
- "Mr. H.B. Landrum is a 42-year-old male who presents with a two-year history of proteinuria and mild hypertension." His history reveals that he was diagnosed with diabetes mellitus at age 18, and has been treated with insulin and diet. The case evolves into diabetic nephropathy and eventual renal insufficiency. Students are encouraged to explore the relationship between the underlying pathophysiology and Mr. Landrum's symptoms and the long-term course of the disease.
- "Ms. Anna Wright is a 12-year-old female who presents to the Pediatric Screening Clinic with a two-day history of wheezing." Her problem is diagnosed as asthma and she responds well to initial treatment with a beta-agonist. Two years later she presents again with more advanced symptoms. Her attacks are more frequent, and she is missing school and changing her activities to avoid exertion. The students are encouraged to study the pathophysiology of the disease and the psychosocial aspects of the case which affect both the symptoms and the patient's compliance.
- "Ms. Brian Miller is a 28-year-old female who is brought to the emergency room after a motorcycle accident." The primary injury is on the left leg where the tibia is broken, there is significant loss of bone, and the surface lacerations are serious. Treatment over the following months includes bone and skin grafts which are progressively successful with complications. Students are encouraged to review the dynamics of bone replacement, threats to proper bone and soft tissue healing, and the legal implications of specific post treatment complications.
- "Mr. Jason LaMark is a 32-year-old male who presents to a family physician with conspicuous symptoms of jaundice." After repeated inquiry, the patient acknowledges that he is bisexual and has had a number of partners over the past two years. The problem is traced to Hepatitis-B, and all symptoms resolve over the following six months. Students are encouraged to explore the course and treatment of the hepatitis, the social and ethical issues relating to the patient's spouse and partners, and their own response to sexually transmitted diseases.

Gives to Children
ıe Earth Flower'

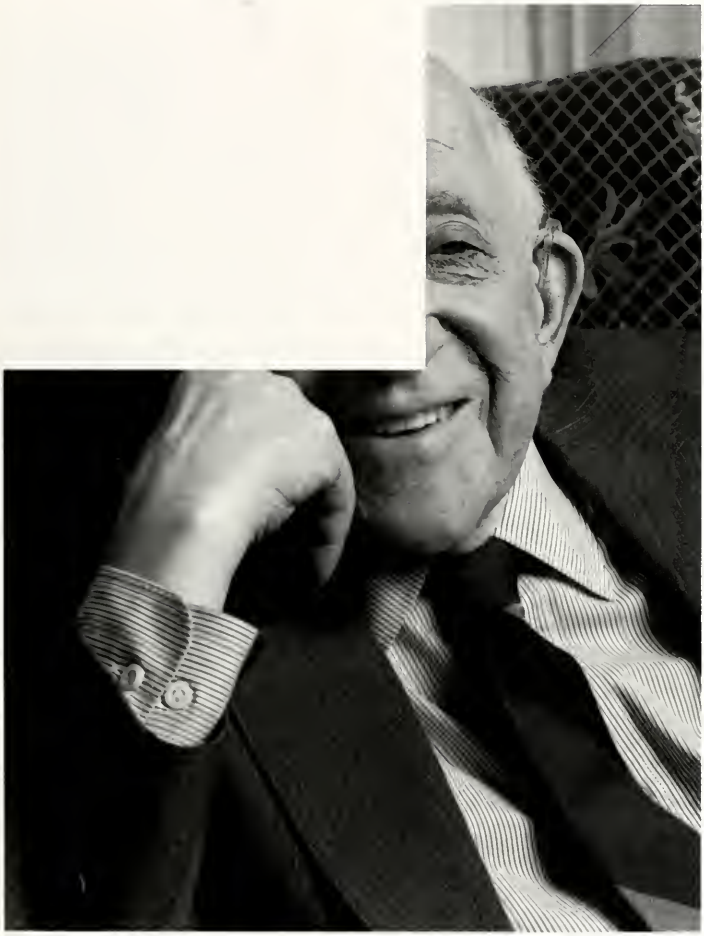


Photo by Mark McDonald

Sidney F. Pakula, M.D.

Sidney F. Pakula, M.D., C. Med., '27, earned his M.D. at Washington University in St. Louis, then moved to Kansas City to become a solo pediatric practitioner. He and his wife, Dora, have been married for 62 years. They have three sons, two of whom are pediatricians. The third is a pharmacist.

By Jeffrey H. Forster

If giving to children makes the earth flower, Sidney F. Pakula, M.D., has planted a huge garden. For 60 years he has given his time and his talents to the children of Kansas City, especially those who need a little extra care and attention in order to blossom.

In 1980, on the occasion of his 75th birthday, the friends of Sidney F. Pakula threw a party at the Alameda Plaza Hotel in Kansas City. More than 500 people turned out, even though no formal invitations had been issued; it had all been done by word of mouth. As is the case with most of Pakula's activities, it was for a good cause: The dinner raised $5,000 for Children's Mercy Hospital, an institution where he started and finished his career in pediatrics. What began with a residency during the Depression ended with a full-time job teaching a new generation (or two) of pediatricians.

The birthday party organizers filled three scrapbooks highlighting the doctor's achievements and even presented a musical "scrapbook" on stage with a 25-member cast. It would have been a fitting retirement sendoff, the cap to an immensely full and rewarding career, except for one thing: Pakula wasn't through yet. After 40 years in private practice and eight more as a teacher, he had much more to give to the children of his community, especially those who are abused, neglected, and in trouble with the law. He

'One Who Gives to Children Makes the Earth Flower'

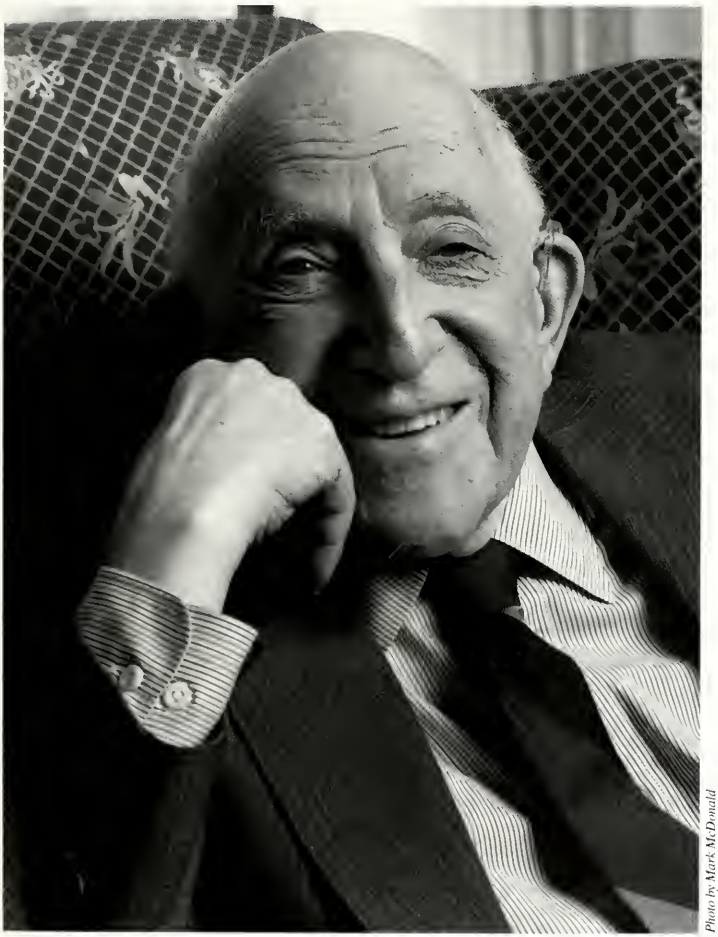


Photo by Mark McDonald

Sidney F. Pakula, M.D.

Sidney F. Pakula, M.D., C. Med., '27, earned his M.D. at Washington University in St. Louis, then moved to Kansas City to become a solo pediatric practitioner. He and his wife, Dora, have been married for 62 years. They have three sons, two of whom are pediatricians. The third is a pharmacist.

By Jeffrey H. Forster

If giving to children makes the earth flower, Sidney F. Pakula, M.D., has planted a huge garden. For 60 years he has given his time and his talents to the children of Kansas City, especially those who need a little extra care and attention in order to blossom.

In 1980, on the occasion of his 75th birthday, the friends of Sidney F. Pakula threw a party at the Alameda Plaza Hotel in Kansas City. More than 500 people turned out, even though no formal invitations had been issued; it had all been done by word of mouth. As is the case with most of Pakula's activities, it was for a good cause: The dinner raised $5,000 for Children's Mercy Hospital, an institution where he started and finished his career in pediatrics. What began with a residency during the Depression ended with a full-time job teaching a new generation (or two) of pediatricians.

The birthday party organizers filled three scrapbooks highlighting the doctor's achievements and even presented a musical "scrapbook" on stage with a 25-member cast. It would have been a fitting retirement send-off, the cap to an immensely full and rewarding career, except for one thing: Pakula wasn't through yet. After 40 years in private practice and eight more as a teacher, he had much more to give to the children of his community, especially those who are abused, neglected, and in trouble with the law. He

didn't officially retire from his teaching position or his many extracurricular activities until 1988, at the age of 83, and even now it is hard for him to sit still.

"I always thought medicine was more than just making diagnoses and writing prescriptions," Pakula says. "Beyond whatever physical complaint might be involved, my main interest became working with families."

What Pakula has given to the families of Kansas City is a legacy of children's advocacy that few could match. It is difficult to describe the scope of his activities, but the Jackson County Juvenile Justice Center in town is not a bad place to start. For nearly 20 years, Pakula served as its volunteer medical director. At a time when most physicians have long since packed up their shingles, he was trekking several blocks from Children's Mercy to the detention center to oversee the medical program there.

Pakula, in fact, pretty much was the medical program at the detention center in the 1970s and 80s. He set it up at a time when no health care facilities were available to the juvenile court. "We started out with a clinic one day a week," he recalls, "but it soon became two, three, four and five days. We convinced the county to put in a 65-bed medical unit, and soon after it was completed we often had it filled with 12- to 17-year-old adolescents who were there from one day to a month." The medical unit had no full-time physicians on staff. Pakula became the staff and, in addition to providing hands-on care, supervised the full-time nurse and helped juvenile authorities develop sensible medical policies.

Whenever a youngster was sent to the facility, Pakula would perform the initial physical examination within a day or two. These were youngsters who either had been charged with crimes or were in protective custody because of suspected abuse. Many of them hadn't seen a doctor in years, and a good number had chronic or acute health problems that had never been evaluated. More than a few were at high risk for sexually transmitted diseases (if they hadn't contracted one already). Apart from doing the entry physicals, Pakula was on call in case a youngster became ill. Although his official stint was two days a week, the people at the detention center knew they could reach him, at home or in the office, 24 hours a day.

"He had a gift for getting along with the most difficult-to-manage, aggressive, and resentful teenagers," says Ab Tehrani, who was superintendent of the detention center for much of Pakula's tenure there. "I'm talking about kids who have been arrested for armed robbery, rape, murder—kids who have beaten up older people. They would confide in him and tell him things they wouldn't think of telling their social worker. As far as working with other human beings is concerned, I have learned more from him than anyone else. He is a master of the art of caring for others.

"I never had to assist Pakula when he was taking care of a difficult patient," Tehrani adds. "I found out once from a nurse that a young mental patient who was waiting to be sent to an institution had thrown him up against a wall. Pakula just talked to the boy and quieted him down. I asked him about the incident later, and he shrugged it off. He said that he knew what type of place he was coming to, and he expected things like that to happen." Pakula became widely known for his nonjudgmental approach to troubled young people.

When a patient needed to be admitted to Children's Mercy, the first thing the detention officials did was call Pakula. He cut through the usual administrative red tape and offered immediate access to the hospital's services. He also offered a steady dose of moral support to the often-harried juvenile authorities. "He was a giant tranquilizer for me when I was frustrated or angry," Tehrani recalls. "Looking after juvenile delinquents is a thankless job, and most of the time you get attention only when something goes wrong. But Pakula attached a lot of importance to what I was doing. He'd give us a pep talk and tell everyone on staff how much he respected what we were doing. That gave all of us a tremendous lift."

At one time or another, Pakula provided gratis medical care to a host of children who came under the county's domain. In addition to the accused and the abused, this included runaways and teenagers attending special schools because they couldn't function in a regular setting.

The medical records Pakula generated at the juvenile center were used by social workers investigating the cases of detained children and by representatives of a program called CASA, or Court Appointed Special Advocates for abused and neglected children. CASA is a project of the Greater Council of Jewish Women, and the juvenile court and is also supported by the United Way. Pakula has been one of its guardian angels; he helped to muster needed political and financial support for the concept, and he has served on its board of directors since its start-up in 1983.

"It didn't take us long to find out that many children who were in legal trouble came from neglected homes," he says. "Some parents would beat their children even when they were sick. The CASA program was established to deal directly with these problems, by assigning one person to work exclusively with one family at a time."

The CASA workers are court-appointed volunteers who have undergone some 50 hours of training. Their mission is to serve as advocates for children in the juvenile court. Technically, they are appointed as guardians ad litem for those who have been removed from their homes because of suspected abuse or neglect. The CASA is called upon to investigate the case, to appear in court on the child's behalf, and to make recommendations so that permanent placement can be achieved promptly. There are CASA programs throughout the country; the Kansas City effort has grown from a handful of volunteers to nearly 200 and has represented children of all ages in more than 500 cases.

"As a member of our advisory board, Pakula has provided expert advice to us on many occasions," notes Mitzi E. McFatrich, executive director of the Kansas City CASA program. His contribution often goes well beyond advice. "One of my strongest memories," says McFatrich, "involved a 4-month-old boy who had been severely malnourished and went into respiratory arrest. He was hospitalized at Children's Mercy and put on a respirator. The hospital informed the court that the child showed no brain wave activity, and the juvenile officer filed a motion to terminate the child's life support system. As guardian ad litem, the CASA project had to appear at a hearing to offer evidence and make a recommendation on the motion. We had only 16 hours' notice to prepare for the hearing.

"I contacted Dr. Pakula to get an explanation of the child's medical condition, the treatment he was receiving, and the prognosis. Dr. Pakula took one and a half hours from his evening to explain in detail all that I asked. Although the child was not his patient, he went to the hospital to check on the baby and review the chart. He called me again the next morning, right before the hearing, to update me on the child's condition. That is typical of his concern."

When the Friends of CASA, a support group for the organization, bestowed its first Humanitarian Award in 1985, they didn't have much trouble deciding on the recipient. The Alameda Plaza Hotel again was the scene of a testimonial dinner. More than 450 people attended the $100-a-plate affair, which raised $34,000. The money was used to train and supervise new CASA volunteers and to educate the community about the plight of battered children. Pakula was given a sculpture specially designed for the occasion, with the inscription, "One who gives to children makes the earth flower."

About four years ago, two CASA volunteers, Barb Friedmann and Cheri Brooks, felt that something more could be done to help build self-esteem among children, especially those at high risk for family problems. They put together an advisory panel of

Photo by Mark McDonald

Pakula's relationship with patients has been "almost on a friendship basis, rather than a doctor basis," a colleague recalls.

36 experts in the metropolitan area—physicians, educators, psychologists, social workers, community volunteers—and asked for their help in coming up with a proposal.

"The first person we went to with the concept was Dr. Pakula," says Friedmann, who was a patient of his as a child. "Once he signed on, he led us to many other professionals, and he contributed at every meeting. He was held in such esteem that when he spoke, you could hear a pin drop."

The result of the brainstorming was a program called BASE—Behavioral Alternatives through Self-Esteem. It is a package of written material, exercises that adults and children can do together, geared to the appropriate developmental level for children up to 18 years of age. The program has been tested on families who come in contact with social service agencies and is now available for general distribution. It is designed not just for parents but for any adult who interacts with children—babysitters, day care workers, teachers, foster parents, relatives, neighbors.

"It was important from the beginning to have Dr. Pakula on our side," notes Friedmann. "Basically, he's a nice human being who cares."

Pakula's advocacy efforts began long before he arrived on the juvenile justice scene in the early 1970s. After he completed his residency and started a private practice in 1932, he continued to spend two and three afternoons a week at Children's Mercy Hospital providing free care to the young inpatients. In those days, "charity" hospitals in the United States depended entirely on volunteer physicians to care for patients whose families could not afford it.

"He has served as a model of the private practitioner who gives freely of his time to look after sick children who otherwise wouldn't receive care," says Stanley Hellerstein, M.D., a colleague who worked with Pakula for more than 30 years. "He has devoted much of his life to that principle. I'd occasionally be asked to see his patients when he was not available, and the devotion they had to him was remarkable."

Children's Mercy had been founded at the turn of the century by two sisters, a physician and a dentist, who vowed that no one would ever be turned away. Even today, one third of the care the hospital provides is uncompensated by third parties; support comes from endowments and private contributions.

"This introduction to people who had no money, who couldn't buy a prescription, opened my eyes to the real needs of the community," Pakula recalls.

The gift of time was a natural outgrowth of the concern Pakula showed for patients in his private practice. "He seemed to reach out to everyone in the family," says Marion Kreamer, former chairman of the board at Children's Mercy. "This gave him a certain aura. When he walked into the examining room, his very presence exuded confidence."

At the hospital, there was more to it than just seeing patients on a ward. Pakula took a special interest in one of the pressing health problems of the day, congenital syphilis, and set up a congenital syphilis clinic with a prominent Kansas City dermatologist, Charles C. Dennie, M.D. Based on years and years of dealing with the disease, they wrote an authoritative, 600-page book titled *Congenital Syphilis* in 1940. Dennie became internationally known in the field and was nominated for a Nobel Prize in 1945, but the award that year went to Sir Alexander Fleming, the physician who discovered penicillin.

How timely the Dennie-Pakula book is today. In 1988, health departments in the United States reported nearly 700 cases of congenital syphilis in infants under 1 year of age, the highest number since penicillin became widely used to treat syphilis in pregnant women. When an editor from *Contemporary Pediatrics* went to the library at Johns Hopkins School of Medicine recently and tried to get a copy of the book, it had already been checked out.

Pakula was also ahead of his time when it came to recognizing school problems in children. In the 1960s, he was one of the first to diagnose and treat children with attention deficit disorder, and one of the first to recognize that drugs such as Ritalin could be beneficial. Over the years he got involved in local programs to help ensure the purity of milk. He helped set up polio treatment programs, and when a polio vaccine arrived he took part in mass vaccination programs. He organized several abuse treatment units as well as well-baby clinics. He was active on the staffs of nearly half a dozen local hospitals, serving as head of pediatrics or chief of the general medical staff at several. He also took on leadership roles in local medical and pediatric societies. He served as civilian consultant in pediatrics for a nearby Air Force base.

It seemed that the diminutive man with the ready smile and the reassuring manner was everywhere.

In 1969 the University of Missouri decided to start a medical school in Kansas City. Pakula was one of six pediatricians invited to establish and set the guidelines for the new school's department of pediatrics, to be based at Children's Mercy. At 64, he was by far the oldest in the group.

Pakula helped the new department get off the ground, then retired from private practice in 1971 to join the medical school faculty full time. He held the titles of professor of pediatrics and adolescent medicine and docent for second-year medical students. From that vantage point he spent the next 17 years showing residents and house staff what it means to be a "complete" pediatrician.

"He's been a real role model for pediatricians on our staff," says former board chairman Marion Kreamer. "Many young doctors get so wrapped up in their practices that they don't think about the larger world. Seeing someone like Dr. Pakula, who has done so much, is a great motivating force. Many doctors have gone into community work because of him."

When he retired in 1988, he was given the title of honorary staff member. Hospital officials acknowledged that the current medical staff "was largely molded by your contributions as staff physician and teacher."

That's not a bad legacy. "The special thing about pediatrics," says Pakula, "is that it offers you an opportunity to contribute. You can build up a confidence in people who trust you. It is a field that offers a tremendous amount of satisfaction from the results."

With Pakula, the results speak volumes, for there are volumes of results.

(Reprinted with permission from Contemporary Pediatrics, *copyright, February 1990.)*

UNC's Transplant Garden Grows

By Val Lauder

To transplant once meant tomatoes or petunias. But today the definition in *Webster's New Collegiate Dictionary* includes "to transfer (an organ or tissue) from one part to another." The organ transplantation program in the UNC medical center began in the late 1960s with kidney transplants and cornea transplants. The program's first heart transplant was in late 1986, and the first lung transplant occurred in early 1990. In May 1990, planners announced an expansion to include liver transplants. Pancreas and bone marrow transplants are expected next.

Eric B. Munson, UNC Hospitals' executive director, said the addition of liver transplants is a logical extension of the overall surgical program. "Actually, our Board of Directors reaffirmed its 20-year commitment that positions UNC Hospitals as a prominent organ transplantation center."

Stanley R. Mandel, M.D., the Hospitals' chief of staff and head of the transplant program, said, "We are especially pleased that our medical center will initiate pediatric liver transplants in North Carolina, and hope that many of the young patients who have had to leave the state to receive transplants will now be able to stay at home, near family and loved ones."

Mandel estimates that between 12-25 children in North Carolina each year will be candidates. With a new faculty member expected to join the staff in March 1991, the first such transplant could take place as early as late March; it will more likely be late spring or early summer.

For many, awareness of transplants began with the world-circling headlines that reported the first heart transplant by Christian Barnard, M.D., December 3, 1967, in South Africa. Historically, however, Mandel cites the first kidney transplant in 1954 in Boston, between twin sisters.

"When Barnard performed the first heart transplant, it was a much more dramatic event," he agrees, "because, if the patient didn't get a transplant, the patient died. If the patient didn't get a kidney transplant, the patient could wait on dialysis."

Also, the body has two kidneys but only one heart. A loved one—or a generous donor—might give a kidney, but could not give a heart. Other less obvious problems, however, plagued the growth of transplantation.

> **"We're taking people who otherwise would probably not live another six to 12 months and giving them the opportunity to live five, perhaps 10 years. Or more."**
>
> **Michael R. Mill, M.D.**

"When Barnard started out," Mandel said, "he technically performed the procedure; but the success rate was very much limited by rejection. For many years it was almost semi-experimental. Transplants were done; we proved, technically, we could do it. But the success rate varied, because if you had rejection you died.

"What happened in 1983 that changed the face of the world was that a new drug came on the market called Cyclosporine. It reduced the incidence of rejection—not only for kidney transplants but for any transplant—to a very acceptable rate. A heart transplant, which maybe had a one out of 10 chance of succeeding before, now went up to eight out of 10—80 percent.

"The operations," Mandel continued, "obviously, technically, got better with time. But it wasn't the technical improvement that led to increased success so much as that the rejection rate was reduced; it's been the improvement in drug therapy, the medicines to prevent rejection."

Drug therapy is still a critical function and the principal area of research. Understandably, since the medication that is administered to keep the body from rejecting the new organ—the immune system mobilizes to reject the outside invader—can endanger the patient's ability to reject bacteria and viruses in the environment.

"You have to walk a very fine line," Mandel said. Nor do drugs to prevent rejection end after the recovery. Medication continues to be necessary, and measured, as long as the patient lives.

Cost is a major problem. Who should pay for transplants? The patient? The hospital? The insurance companies?

The other major concern, which is perhaps even more critical, is that of finding enough donors. It's estimated that in the United States there are 18,000 waiting for a liver, 1,000 waiting for a heart. "It's in that range," Mandel said. "Thousands are waiting. Many will die.

"Every transplant person in the world would agree that the number one problem in transplantation today is inadequate donors

for the numbers of people who need the operation."

Michael R. Mill, M.D., chief heart transplant surgeon at UNC Hospitals, agrees emphatically. "In this day and age, the donor supply is the limiting factor to doing more transplants. We don't have enough donors to go around. Most of our patients are waiting, on average, three to four months.

"Today, I have six on the waiting list—three in the hospital on medication, keeping them alive until a donor is available."

Mill said, "Somewhere in the neighborhood of 25 percent to 35 percent of all the people who get placed on heart transplant waiting lists die before an organ becomes available." And that doesn't take into account the patients "who may not get listed, in part because the decisions are made on (the basis of) their chances of making it long enough on the waiting list."

But there are donors. Worldwide, 2,450 heart transplants were done in the calendar year 1989. More than 1,600 of those were in the United States. Mill has done 30 at UNC Hospitals, 12 in the last 18 months. All were from North Carolina.

"It certainly has become a relatively common procedure here. It's safe and has excellent results," Mill said. "Nationally, there's an 85 percent one-year survival rate and a 70-75 percent five-year survival rate for heart transplants. I'm proud of the fact that our program meets or exceeds those numbers.

"We're a growing program. We've got the expertise here to do it as well as anywhere else around the country."

His pride shows, too, in his patients, ranging from an 18-year-old to a 66-year-old man, and he has a baby on the transplant list, waiting for a heart. A special pride shows in the case of the woman who had been born with a congenital heart defect.

"She's one of the few people with that defect who lived to adulthood. She made it to 40 with that horribly defective heart." She had an operation at another institution; did well for a year; then had heart failure and another operation. She did not do well after that operation and was referred to UNC Hospitals by her family physician after she was told she was not transplantable.

"We felt she could have a transplant," Mill said. "But it was a very difficult operation." The previous surgeries, scar tissue, etc., made it so difficult in fact that he now describes it as "a technical tour de force."

"We were successful. She's done incredibly well since her transplant. Her only complaint is that she's growing tired working out in her garden three or four hours a day. I want all my patients to have those kinds of complaints."

He remembers that when the woman was in intensive care following the long operation, still sedated, her husband went in to see her; as Mill entered, the husband touched his wife's foot. "He turned to me and said, 'Doc, that's the first time in 20 years of married life that she's ever had warm feet.' "

In another case, a young mother of two had developed heart failure after her second pregnancy. Today, because of the support she got from members of the transplant team—which includes not only the surgeon but a coordinator, a social worker, a dietitian, two physical therapists, a psychologist, an infectious disease fellow and one in cardiology—she's not only going to be able to raise her two sons, she's gone back to school and is working toward her degree.

Leave Someone A Tomorrow

For the full benefits of the progress in surgical techniques, drug research, and technology in the transplant programs to be realized, potential donors should consider whether or not they wish to be a donor when there is no imminent danger to their health.

The UNC Hospitals transplant surgeons agree not only on the need for donors but on the need for people to consider their options and make a decision prior to the time donation may become a reality.

"The problem," said Stanley R. Mandel, M.D., the Hospitals chief of staff and head of the transplant program, "is that our country has not been focused on organ donation, because organ donation is always involved with death. People don't want to think negative things, they want to think positive. So the orientation of people—and doctors, too—is toward saving lives, as it should be, and the living.

"But if you're focused on only the living, and you can't focus on what you can do in death, then you can't get any organs for donation.

"I admit that many doctors take the easy way out, which is, just walk away from the organ donation issue. If you stop all the doctors in the world—and lay people—and say, 'How do you feel about transplantation as a thing or an event?', you'll get, almost universally, a very positive answer. They'll say, 'Oh yeah, I'm in favor of it, a great thing.' Then you say, 'Are you willing to sign a donor card—that you or your family would donate?', or 'Will you use some of your time talking to families about organ donations of patients that you've taken care of, who haven't survived despite your best care?', and you'll find more reluctance.

"You have those who say you need to educate the public, but to date that hasn't worked. You have these enormous waiting lists. And you have those who say, just have a total law: your body belongs to the state and they can use it.

"That has been passed in many socialized countries: it's called presumed consent. The concept is that in death you will donate organs unless the medical community can't use them, unless you specifically fill out a paper and say you refuse to do that."

Too often, in this country, the issue arises when a family member has died or is near death, particularly a younger person who has suffered massive head injuries, which have not affected the needed organs. At a time of grief and confusion, often shock and trauma, the decision must be made.

"The next of kin has the power to sign," Mandel said. "But if the next of kin has to make that decision without knowing how the person(s) felt, that puts a tremendous amount of pressure on the next of kin.

"On the other hand, if the person had written down on a donor card what that person believed, wanted done, the next of kin could, in good conscience, make the decision.

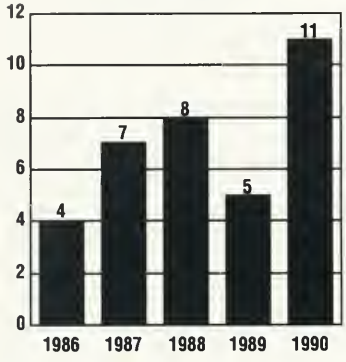
"If you're going to mandate anything it would seem logical to mandate that you make a choice. And if the decision is that the person doesn't want to donate, then everyone ought to respect it."

But make a choice.

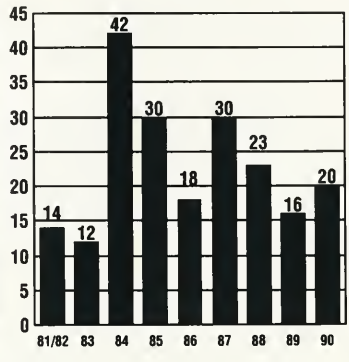
As an aid to making that choice, the Carolina Organ Procurement Agency, in affiliation with UNC Hospitals and other leading medical centers in North Carolina, has prepared a booklet, "Leave someone a tomorrow."

It is available upon request from UNC Hospitals, individually, or to physicians, for use with their patients. Call Mandel's office at (919) 966-4161.

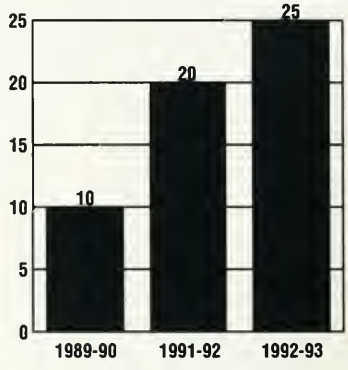
HEART TRANSPLANTS



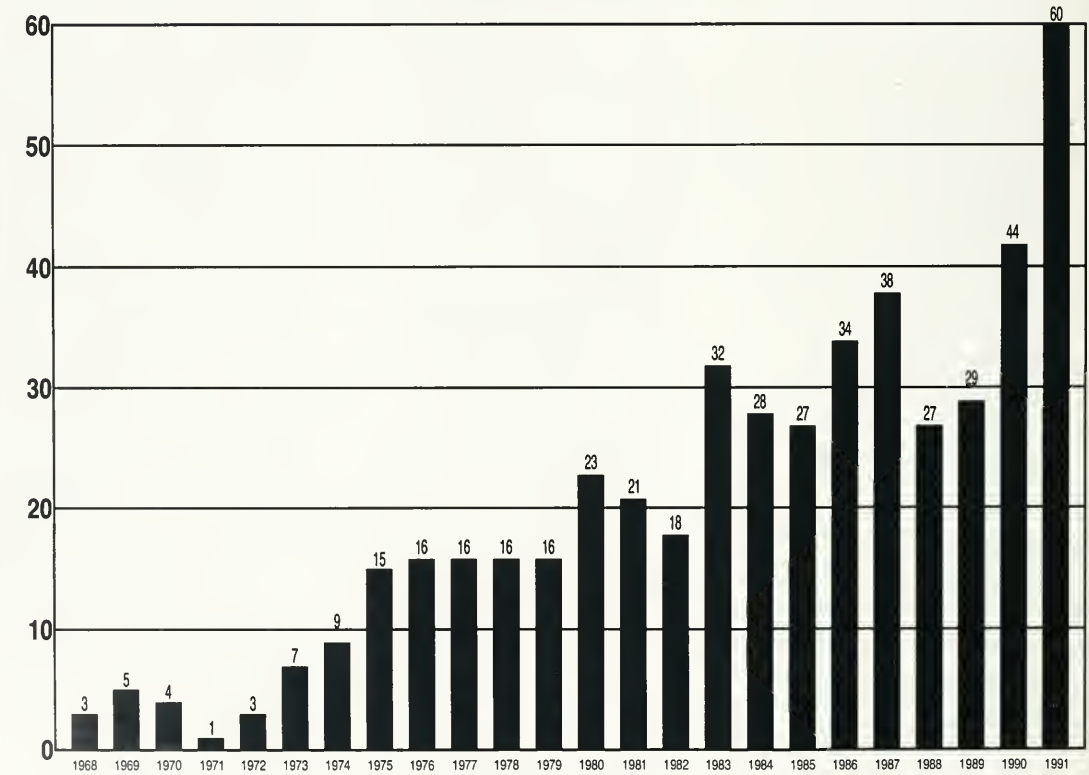
CORNEA TRANSPLANTS



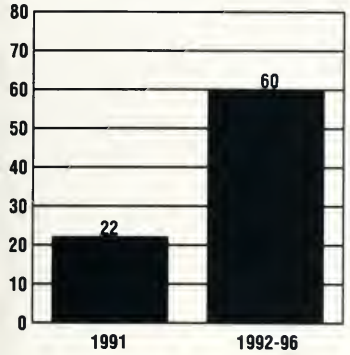
LUNG TRANSPLANTS AND PROJECTIONS



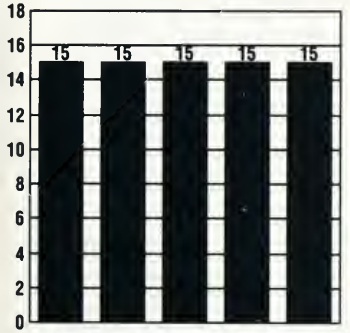
KIDNEY TRANSPLANTS AND PROJECTIONS



LIVER TRANSPLANT PROJECTIONS

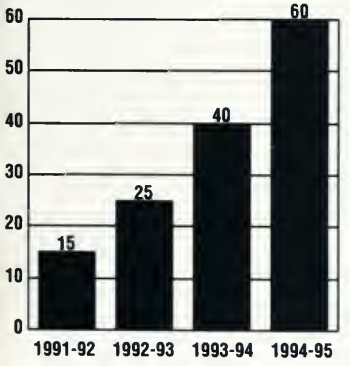


PANCREAS TRANSPLANT PROJECTIONS



Schedule Undetermined but annual volume is projected to be steady for the first 5 years.

BONE MARROW TRANSPLANT PROJECTIONS



More than medical procedures are involved.

It is not lightly that Mill says, "It is a miracle. We're taking people who otherwise would probably not live another six to 12 months and giving them the opportunity to live five, perhaps 10 years. Or more."

But it's almost a well-kept secret. Not long ago Mill went in to see a patient in the Coronary Care Unit who'd suffered a serious heart attack. He'd had a bypass and heart failure. Mill told him that, in the opinion of the UNC doctors, a heart transplant would be the best thing for him.

"His response was, 'Well, is that something I have to go somewhere else for?' I said, 'No, we actually do those operations here.' And he said, 'Well, how many have you done?' At that point, I said, 'We've done 30.' He nearly fell out of his bed. He couldn't believe that in this hospital we'd actually done that many."

In early 1990, UNC Hospitals expanded its transplantation program to include heart-lung and lung transplants. Lung transplants pose special problems, because the lung is the only transplanted organ that has contact with the outside environment—air as the patient breathes. The lung is, thus, much more vulnerable to infections. The lung is also more fragile than other transplanted organs.

Nevertheless, in May 1990, Robin Duffy of New Bern became UNC Hospitals' first successful lung transplant. She left the hospital 17 days after she spent more than six hours in surgery to have her diseased right lung replaced with a healthy one.

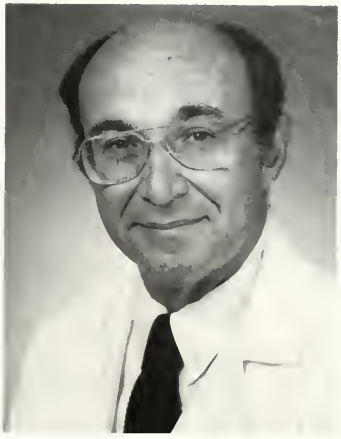
On September 28 the first double-lung transplant—the state's first such recipient—walked out of UNC Hospitals. A 41-year-old Asheboro woman who'd fought emphysema for 10 years and been oxygen-dependent for a year—who'd waited two and a half months for donor lungs—underwent a nine-hour operation July 27.

Thomas M. Egan, M.D., the surgeon on both cases, makes the hospital's role clear, citing the "large numbers who must have a commitment to transplants.

"It involves several surgeons, the medical support personnel, the nursing staff, the laboratory, the pathology department. It really goes all down the line.

"It takes a center large enough to provide that kind of support to have a successful transplantation program," Egan continued. Further, "some of the problems that transplants can get into can be similar, regardless of the type of transplants they've had." Whether it's heart, kidney, lung, "the services that each of us needs from the institution for our individual programs are there."

The recipient of the double-lung transplant now exercises daily on a treadmill and stationary bicycle and no longer requires oxygen therapy.



Stanley R. Mandel, M.D.

"We are overjoyed at the success of the surgery and this patient's recovery," said Chief of Staff Mandel. "It gives transplant candidates in our state reassurance that they can stay close to home for an operation that, until very recently, has been performed at only a few places around the United States."

Cornea transplants have been done on a regular basis in the United States for the last 20 years—"probably more than 20,000 cornea transplants in the United States each year," said Kenneth L. Cohen, M.D., associate professor of medicine—and rejection is not the problem in this area that it is in the others. Such problems as post-operative inflammation have, basically, been handled by the evolution of technology the past 20 years. others. Such problems as post-operative inflammation have, basically, been handled by the evolution of technology the past 20 years.

"At this point in time," said Cohen, "efforts are being directed toward developing techniques to reduce cornea transplant rejection in the high-risk patients and toward techniques to minimize post-operative astigmatism."

It had been thought that the cause of post-operative astigmatism came from the fact that an oval-shaped cornea was placed in a round hole. But this may not be the case. Cohen and UNC researchers have been working on cornea shape.

Using computers, they're working with theoretical models to determine what kind of shape would produce the astigmatism. Computer analysis has given them the tools, with the increasingly delicate surgical techniques, to deal with this.

"Technology to depict cornea shape has taken a great leap forward," Cohen said, "but we have no reasonable way to talk about the differences in shape between corneas;

and until we can start quantitating differences in shape, we cannot begin to understand how one shape may change when we do the same surgical procedure but another shape may not change the same way.

"So the specific thing we're working on now is trying to develop the language to be able to talk about all this information that we now have from the advanced computer technology to depict corneas."

Interestingly, Cohen said that cornea transplants were done in the early 1900s. "Absolutely," he said. "There weren't large numbers of them. But they were done. Some were successful."

So while transplantation may not be as new as we think it is, advances in surgical techniques, medication to control rejection, computer technology to facilitate further research, and growing efforts to deal with both costs and the need for donors are giving new hope.

As Executive Director Eric Munson said when he announced the liver transplant program and possible pancreas and bone marrow transplants in the future: "We believe this is an important day in the life of our institution, one which sets us on a course to make transplant surgery more available and accessible to residents of North Carolina."

UNC Surgeons Perform Double-Lung Transplant On Cystic Fibrosis Patient

A 28-year-old Wilmington man became the first cystic fibrosis patient in the Carolinas—and one of a handful in the United States—to undergo a double-lung transplant.

Howell Graham, a real estate agent in Wilmington, underwent the surgery October 8, and was discharged from UNC Hospitals November 3. He returns to the hospital for daily exercise on a bicycle and treadmill, said his surgeon, Thomas Egan, M.D., assistant professor of surgery.

Cystic fibrosis (CF), the most prevalent genetic disease in whites, affects between 20,000-30,000 Americans. CF affects the pancreas, sweat glands, lungs and other organs. Its most debilitating symptoms relate to chronic lung disease with airway obstruction and infection that kill most of its victims prematurely.

Graham, whose illness was first diagnosed at UNC Hospitals in 1964, has been undergoing treatment for cystic fibrosis at UNC Hospitals since 1981. His doctors said that with his new lungs, the most disabling effects of the disease should be behind him, though he will continue to receive routine drug and enzyme therapy for the remaining symptoms of cystic fibrosis.

"I'm so thankful for the opportunity for a new life. I feel great about my treatment and about my future. I'm looking ahead to having things return to normal soon," said Graham, who was continuing his exercise therapy in Chapel Hill in preparation to return to his home in Wilmington.

"This is an exciting development for both the lung transplant and cystic fibrosis programs," said Egan. "The success we've had treating this cystic fibrosis patient is attributable to an outstanding team effort and gives hope to other cystic fibrosis sufferers that they have a chance at a long-term remedy for their disease."

Photo by Laura Dorton, courtesy of the News & Observer

Howell S. Graham works out on a treadmill as Connie D. Arnold, a physical therapist, monitors his blood-oxygen level.

Roughly 50 cystic fibrosis patients worldwide have undergone a double-lung transplant. About 15 of those operations have taken place in the United States.

UNC Hospitals has performed seven isolated lung transplants including three double-lung procedures since the program did its first transplant last January.

Retired Physician Verne S. Caviness Combined Research with Patient Care

By Linda Fox

In the early 1920s, Raleigh physician Verne S. Caviness, M.D., 95, was among the first to work with insulin, a newly developed drug for controlling diabetes.

He and colleagues at Jefferson Medical College in Philadelphia helped find proper doses for the new drug, now one of the most commonly used in medicine, by testing it on their patients.

"Prior to this, many patients who developed diabetes would die in a short time," said Caviness, whose fading hearing and slow step belie his sharp memory.

That experience with clinical research, which translates new lab knowledge into treatment for patients, sparked an enduring interest. Since he opened Raleigh's first internal medicine practice in 1923 until this year when he donated money to support clinical research at University of North Carolina Hospitals, Caviness has dedicated his life to finding practical new treatments.

Such a single-mindedness is a source of pride to Caviness, who retired a few years ago as he neared 90.

Photo by Dan Crawford

Eugene P. Orringer, M.D., The Dr. Verne S. Caviness Professor of Investigative Medicine, and Verne S. Caviness, M.D.

"For a successful life, I think you need very close application to some purpose or motive," he said. "And economically, don't gamble."

He even met his wife, Alice, in a doctor's office—his own. Her mother brought her in because of a stomach illness. He cured it, and 10 years later, they married.

"She has stated she married me to get even with me," said Caviness of his wife, who, 10 years his junior, died last year.

Although his father, a Methodist preacher, hoped his son would choose the cloth and his mother wanted him to pass the bar, he always knew his choice would be medicine.

He wanted to help people, the Hillsborough native said.

To pay his way through Trinity College, now Duke University, and medical school at UNC-Chapel Hill and Jefferson, he worked as a school principal, a bank teller, manager of a lumber mill, a bookkeeper at R.J. Reynolds Tobacco Co. and a reporter for *The News and Observer.*

As a child, his family moved often, whenever his father was assigned to a new church. After school, he moved to Raleigh and, except for some winters in Florida, he has never left.

Research was always part of his practice.

His office, at the time located in the old Professional Building at the corner of McDowell and Hargett streets, contained the city's first lab. He did lab work there for Rex Hospital until it built one of its own.

Later, he helped found Rex's heart and blood pressure clinic. With Thomas L. Umphlet, M.D., he researched an early drug to help control high blood pressure, a medication Caviness still thinks is superior to those that superseded it.

"I think he enjoyed that kind of work more than he did practicing medicine almost," said Umphlet, a close friend of Caviness.

When N.C. Memorial Hospital opened in the 1950s, Caviness began driving once a week to Chapel Hill to continue his work on high blood pressure. However, he turned down a full professorship offered by the university because he didn't want to uproot his family.

Caviness, now professor emeritus at UNC-Chapel Hill, also helped treat patients at the hospital's cardiac clinic.

"That was a considerable generosity on his part, because it paid nothing," said Ernest Craige, M.D., who headed the cardiology unit at Memorial for 26 years until he retired in 1987.

Much of his work went uncompensated, Caviness said, such as treatment for alcoholics and children at the Methodist Orphanage, which was located down the street from his Five Points home.

Over the decades, Caviness has witnessed medical advances he never dreamed possible. One of the first doctors in the area to perform blood transfusions before blood typing had been invented, he marvels at the ability now to transplant a heart.

"We didn't think that would ever be possible," he said.

In between patients, Caviness lived the life of a Southern gentleman.

He squeezed in some sailing at the coast—he got a captain's license so he could sail his 60-foot boat near Morehead City. A member of the Carolina Country Club for almost 70 years, he also played a little golf and tennis.

And for years, he cultivated a 900-acre farm in Durham County. One day every week, he would visit to see how his dozen tenants were doing.

"Now, a lot of the land I farmed is under water," he said. Selling it for the creation of Falls Lake turned him a tidy profit.

He also grows roses.

He says his good health and ripe age are due to a careful choice of parents. But friends say his good life has more to do with the roses he loves to give out to make people happy.

"I used to take pockets full of those to my patients and the nurses," Caviness said.

He says his good health and ripe age are due to a careful choice of parents. But friends say his good life has more to do with the roses he loves to give out to make people happy.

"That's part of his zest for life," said Robert E. Gaddy, a playmate of Caviness' son, Verne S. Caviness Jr., M.D., who took over the senior doctor's patients when he retired. "He loves to work, he liked to go to the farm, he likes to keep learning, he loves people and he loves women. That's all part of it."

(Reprinted by permission of the News & Observer *of Raleigh, NC.)*

In October, the Clinical Research Unit of the UNC School of Medicine was renamed and dedicated the Verne S. Caviness General Research Center. Made possible by an endowment from Caviness, the Center, which is one of 75 in the country, contains 12 private inpatient rooms, a newly renovated outpatient area, a highly sophisticated computer center and a core research laboratory. The Caviness Center is located on the 3rd Floor in the Main Hospital section of UNC Hospitals.

Loyalty Fund Chairman Speaks on Alumni Ties, Giving

John W. Foust, M.D., graduated from UNC-Chapel Hill in 1952 and earned his M.D. from the UNC School of Medicine in 1955. During his long and distinguished career as an otolaryngologist (since 1963 in private practice in Charlotte), he has kept extensive and close ties with the University and the School of Medicine. Recently, he assumed a volunteer post as national chairman of the medical school's Loyalty Fund. He spoke with the *Alumni Bulletin* about the fund and about his ties to the medical school.

Alumni Bulletin: Let's talk a little about your time in Chapel Hill, as a medical student, resident and faculty member. How did it affect your professional career and the way you look at things now, 35 years later?

Foust: I think that where I'm sitting today with, I suppose, a very successful private practice is a result of my years in medical school and my postgraduate training. There are people who stand out from my days in medical school to whom I think I owe a lot of credit. Dr. (Newton) Fischer, the chief of ENT; Dean (Reese) Berryhill; Dr. (Edward) Hedgepeth, because he was chairman of the Admissions Committee when I got into medical school in 1950; Dr. (Nathan) Womack, professor of surgery; Dr. (Colin) Thomas, professor of surgery...names that stand out, people I worked for and with and to whom I feel I owe a tremendous amount, as well as to the medical school for the education I got.

Bulletin: Since you left Chapel Hill and went into private practice in Charlotte, you've had a lot of contact with the medical school and its operations. Why did you want to retain that affiliation?

Foust: I think that you're a product of your past, whether it's good or bad. I had good experiences in Chapel Hill and I feel like I owed something to the University and to the medical school in return.

John W. Foust, M.D., at his Charlotte office.

Bulletin: You've seen a lot of students and new physicians come into practice and training the last 30 years. What is your perspective of how becoming a physician and getting established as a physician has changed?

Foust: Medical knowledge has advanced so much since I finished medical school. When I graduated from medical school in 1955, it was about two years before the first Sputnik. I suppose that if you thought we could put a man on the moon in 1955, you would have laughed at it. And to think that you could do a heart-lung transplant would probably be put in the same category as a man walking on the moon...technologically and scientifically the whole medical profession has advanced so much that the volume of knowledge physicians need to have is unbelievable. it's hard to keep up...I have never known anyone who was a good physician who didn't want to do good, succeed and excel in caring for patients. But the demands we have today put more pressure on physicians than we've ever had before. Being a good physician today is different than it was 35 years ago.

Bulletin: You have been active with major hospitals in Charlotte, with Mecklenburg County and state medical societies and national medical and surgical societies. What kinds of contacts and friendships come back from your days at Chapel Hill as you pursue these interests? How does the alumni attachment carry on after all these years?

Foust: Well, I think that the contacts you have while you are in Chapel Hill—whether it is a student-teacher relationship or a friendship with fellow students or residents—there's a kinship in them. It's a very strong feeling that you have for these people you've known.

Bulletin: You seem to have a real sense that investment works two ways: if you invest something in the community, it should invest something in you.

Foust: Or vice versa. The medical school invested something in me, and the Hippocratic Oath says you should always remember your professors and teach the next generation. Since I'm not an active teacher—I think anything that I can contribute materially that's going to strengthen medical school programs is worthwhile.

Bulletin: Do you run into colleagues who say, "Why should I care about the medical school, why should I contribute to it?"

Foust: Well, I have run into one who, when I asked him if he contributed to the Loyalty Fund, said, "It's a tax-supported school and I pay taxes." And I said, "If that's your only appreciation for the medical school, then I

guess we really don't have anything to talk about." That's a philosophy I had never encountered before; it was a big shock to hear that....

In 1987-88, when $54,000 was given (to the Loyalty Fund), the money was generated from only 9 percent of living alumni. We have about 4,000 living alumni. Of those, about 800 are graduates of the two-year program. Duke, which has about 4,000 living alumni, raised about $750,000 from roughly 57 percent of its class in 1989. Consider that tuition at Duke is $14,000, and at Chapel Hill it's $1,800 for in-state students. So if you have an alumnus who says he's paying taxes to a tax-supported school, he's paying the same taxes as the one who went to Duke and paid much higher tuition. People who went to Chapel Hill should realize they got one of the best deals around, and for no other reason should give something back.

Bulletin: How did you become interested in the Loyalty Fund, and how have the colleagues you've asked to contribute responded?

Foust: I got started on the Loyalty Fund when I was on the visiting committee and heard a presentation by Jane McNeer on how poorly the fund had been supported in recent years. (Today) the fund needs to raise about $150,000 a year to meet its obligations. In trying to meet our goal in 1988-89, we only raised $56,000 of the $92,000 needed, and the Co-Founders Club had to make up the difference. So (in 1989-1990) I challenged Grimes Byerly, president of the class of '50, to see which class could recruit the higher percentage of members. I called 17 of my classmates, and was only turned down by two. And when I called them, I asked them to give to the Loyalty Fund and then to contact three or four members of their class to ask their classmates to make a contribution. We had 88 percent of our class give, and no one's arm was twisted. I think most of them feel the same way I do toward the medical school and the Loyalty Fund....That the Loyalty Fund has a poor record of participation is not necessarily a reflection of our alumni not wanting to give, it's that many haven't been asked.

Bulletin: So your job, then, is to ask them (alumni) a little more directly than they've been asked before.

Foust: Sure. When you have a product everybody likes, you don't have a hard time selling it. All I want to do is present them the facts, and ask them to give. You'd be surprised how many of them give.

Bulletin: What do you see as the major programs and services the Loyalty Fund benefits?

Foust: Most of the Loyalty Fund is used for student support—*FAX* (the student-produced medical journal) and other things like that. The Loyalty Fund works like an enrichment program for students—at least to offer them some programs they wouldn't otherwise have, and, hopefully, to make their educational experience a little more enjoyable.

Bulletin: When you talk to people about giving $1,000, what do they say?

Foust: Some say, "I've got to give to this and to that," and I understand that some people can't give $1,000. But we do want them to give something if they can...I think if you can get them to start giving, they begin to observe what it's being used for. Once you consider what you've gotten out of the school, the position you get in society, $1,000 a year is not a whole lot to give. But I accept the fact that for some physicians, those who have children and want to give them something special, $1,000 a year is a lot more than they can afford to give. We need $1,000 contributors, but more importantly, we need contributors who can give something each year to the Loyalty Fund.

Loyalty Fund Sets $150,000 Goal

Alumni giving to the UNC School of Medicine's Loyalty Fund reached a record level of $137,000 in the 1989-90 fiscal year—a 145 percent increase over the previous year.

Buoyed by the success of that campaign, the Office of Alumni Affairs is optimistic that contributions this year will top the goal of $150,000. As of late November, approximately $40,000 had been received. The campaign runs through June 30.

"We conducted a thorough needs analysis for the various programs and activities that are supported by the Loyalty Fund and came up with a realistic goal," said Jane M. McNeer, director of development with the Medical Foundation. The Loyalty Fund supports ongoing and continuing student programs as well as activities of the medical faculty and alumni association.

"A major objective is to increase alumni participation in the Loyalty Fund," McNeer said. "This year the Medical Alumni Association's goal is to grow from 20 percent to 25 percent participation."

Last year, a new category of givers was established—Loyalty Fund Associates. Annual membership is attained through a gift of $1,000 or more. "We are appreciative of the gifts from 48 Associates a year ago, and we are hoping to expand membership to 75 in the current year," McNeer said.

William E. Easterling Jr., M.D., associate dean for alumni affairs, said, "The Loyalty Fund is one of our medical school's proudest traditions, and we are excited about the enthusiasm our alumni are displaying, evidenced by their financial support."

A special competition between the Classes of 1966 and 1971 is being organized in connection with their 25- and 20-year reunions. In North Carolina, Mecklenburg County and Guilford County also are competing for the highest levels of participation in the Loyalty Fund. "April 5, the date of the Spring Medical Alumni Weekend Banquet, is the deadline to close-out these special campaigns and celebrate results," McNeer added.

Class of '94 Shows Continuing Diversity

Women, minorities and "non-traditional" older students comprise significant proportions of the incoming School of Medicine class, according to William Bakewell, M.D., associate dean of admissions.

The Class of 1994 is 160 strong, and includes 76 women (48 percent of the total), 38 minority students (24 percent) and 15 students aged 30 or older (9 percent).

These demographics show that "we're keeping up with trends, and, possibly, we're ahead of trends," Bakewell said.

Of the 160 first-year students, 148 are from North Carolina, and 12 are from out-of-state. The incoming class hails from 37 North Carolina counties and 10 states in all. One-third of the Class of '94 earned an undergraduate degree at UNC-Chapel Hill.

Most of the incoming class earned their degrees in science-related majors. But non-science majors represent roughly one-eighth of the class, having studied subjects as diverse as art, political science, music, religion, literature and foreign language. Four students have nursing degrees, and two have allied health backgrounds.

The medical school's enrollment of older students particularly stands out, Bakewell said. More than one-third of the Class of '94 is 25 or older, and two students are 41.

Bakewell said that the medical school values older students because of the diversity and experience many of them bring to the academic environment.

"Older students come from other careers and backgrounds, and many have experienced marriage and childrearing that bring broader experience, broader understanding of people and maturity."

By Jon Ross

The Class of '94 contains the traditional corps of first-year medical students: men and women in their 20s pursuing a medical career right out of college. But a significant number are over 30. For many of them, medicine is a second, third or even fourth career.

Among the 30-something contingent in the Class of '94 are five with particularly different backgrounds. One was an attorney, one directed plays, another was a nurse, one studied for the priesthood and one was involved in occupations from pottery to phlebotomy.

The following profiles reveal more about the individuals.

John Rusher

The 32-year-old former attorney earned his undergraduate and law degrees from Wake Forest University. In addition to giving up the law after six years of practice in Raleigh to pursue medical school, Rusher is undergoing another major life change: his wife, also a Raleigh attorney, gave birth last summer to twins.

Rusher

"I think changing careers was a good decision for my home and family life," Rusher said. "It's not bad to change your mind. It's a good thing to teach children. Life's too short not to do what you want to do."

Rusher's prior career involved criminal and municipal law as well as general litigation. He was successful in law, but found it wasn't the best path for him to take.

"After about three years of practicing law, I looked down the road and figured it wasn't what I wanted to do for the rest of my life. I became frustrated with the adversarial system. I felt my personal goals were better suited as a healer, not a fighter." Rusher, like many of his older colleagues, puts less emphasis on grades than he feels he might were he starting school at a younger age. "None of my clients asked me what grades I made or where I went to school. I think it will be the same when I practice medicine."

Though he's not yet far enough along in medical school to make a firm decision about specific career plans, Rusher thinks that raising children during his years of education may bear additional fruit: He says he may pursue a specialty in pediatrics or ob/gyn.

Steven Gold

Embarking on a career path that's taken him from Macbeth to microbiology, from Pinter to pathology, the 36-year-old Gold comes to medical school from the theater, where he directed plays, worked in television and wrote commercials in New York.

Though the world of microscopes and mid-terms may seem mundane to a thespian, Gold's reasons for pursuing a medical career were wholly practical.

"My main motivation for returning to school was that a director's life is one of quite sporadic work, with fewer job opportunities than I think one should have in a chosen field," Gold said.

Gold says there are more similarities between medicine and the theater than meet the eye.

"When you work as a director, you work in very close rapport with the actors and talk about very private issues. There is a sort of privileged relationship there, and although you're not responsible for the physical health of the people you work with, there's a certain social and psychological teaching relationship.

Gold

"When you deal with plays, you deal with problems, and everybody has some experience related to those problems." Though he's given up theater for medicine (possibly a career in genetics), Gold is well aware that there are strong historical links between the two, noting that "a fair number of playwrights have some sort of medical background."

Elizabeth Creech

Chapel Hill and UNC Hospitals are familiar places to Elizabeth Creech. The 33-year-old graduate of UNC-Greensboro is a Graham, NC, native who earned her master's degree in nursing from UNC-Chapel Hill, several years after she had worked as a surgical/transplant nurse at UNC Hospitals. Health care has always been her profession, though it took some time for her to decide that medicine was the track she wanted to follow. After her graduation from nursing school, she went to work as a clinical nurse specialist in nephrology at the Veterans' Administration Hospital in Durham. "I was fascinated by transplantation. At the VA, I did patient evaluations and long-term patient follow-up and was the primary link between surgery and nephrology."

Creech

For Creech, nursing was a meaningful experience. But she felt that becoming a physician was in her bones, if not her family history.

"Every female in my family is a nurse, so it was the accepted pathway for me. Always in the back of my mind, though, I had the feeling there was something else I wanted to do.

"People mature at their own rate...I was kind of on a path to medical school. There was no other field but medicine that combined patient care, clinical research and academic skills."

Anthony Edozien

Serving the less fortunate is the byword of the Edozien family. Anthony's father, Joseph, a professor in the UNC School of Public Health, recently left for Nigeria with his wife, Modupe, formerly a radiologic technologist at UNC Hospitals, to serve as leader of his native kingdom of Asaba.

Edozien

Anthony himself came to medicine after having spent many years studying for the Jesuit priesthood. To him, it was part of his birthright, the mission of the Edozien family. "I come from a service-oriented family. We are very conscious of serving people who are less advantaged than we. We were raised that way," he said.

Edozien, 34, is a Yale graduate who studied pre-colonial African societies and anthropology in college before he pursued the priesthood. Though he decided against becoming a priest, his experiences in Africa in preparation for the priesthood had a tremendous effect on his eventual decision to become a doctor. He spent five years in Zaire, Nigeria and Ghana, working with and observing the people there. That experience left an indelible imprint in his mind.

"I think that because of working and studying in Africa—I saw that the greatest practical need in those places was the need for adequate primary health care. When I came back here to continue my training, I hoped to go to medical school as a priest."

Edozien plans a career in primary care, probably in a "third-world context," he says, perhaps in a poorer area of the United States.

Claudia Chanlett Prose

Claudia Chanlett Prose has done a little of everything: she's lived on a homestead in Canada, held jobs as a potter, phlebotomist and graphic designer, organized for a Central American peace campaign and "endured" 10 years in New York City.

At 41, she has been out of college for 20 years (she's a 1970 graduate of Swarthmore College).

Chanlett Prose

Medicine is not foreign to Chanlett Prose. Her husband is a doctor, although she says that's not at all why she's on the road to becoming a physician.

"Being married to a physician was a deterrent in my case to becoming a doctor," she said. "Not that it discouraged me; I loved hearing about my husband's work. But it was sort of living vicariously."

As a teenager, Chanlett Prose had feelings about becoming a doctor, "but didn't have the courage and commitment to follow it up." Later, the Chapel Hill native worked at Duke Hospital, drawing blood from patients. "I loved it. I enjoyed the variety of things I got to see" working in a hospital environment, she said.

Though she enjoyed the health care setting, Chanlett Prose said it took her a number of years and several different jobs to realize that medicine was the calling for her. "I never had to say, 'this is what I need to do.' Over the past 12 or 13 years, this nagging feeling told me that medicine is what I want to do. It took a long time to come to the realization."

Now that she's in school, the mother of one, who wants to "shape environments" for people, wants to do primary care. "One of the things that attracted me to UNC was its emphasis on primary care. We are getting a very positive reinforcement for being interested in primary care, and a lot of schools just don't do that."

News Briefs

New Facilities Add to Medical Complex Skyline

The face of the medical center is changing dramatically, thanks to a busy construction schedule. During the summer and fall, two new facilities were dedicated and ground was broken for three more.

The Department of Family Medicine moved into its new home at the corner of Manning Drive and Fordham Boulevard, and the Department of Radiation Oncology occupied new quarters in the new North Carolina Clinical Cancer Center.

Groundbreakings were held for the medical school's UNC Ambulatory Care Center at South Columbia Street and Mason Farm Road, and for the Thurston Building and the Hargrove "Skipper" Bowles Building, both at the corner of South Columbia Street and Manning Drive.

The new UNC Ambulatory Care Center is an $18 million project that will result in a modern ambulatory care facility with 130,000 square feet of floorspace. It is expected to be completed in the summer of 1992.

Joining in the dedication of the N.C. Clinical Cancer Center were: Joel B. Tepper, M.D., chair of the Department of Radiation Oncology; James Hedrick, chair of the UNC Hospitals Board of Directors; State Representatives Joe Hackney and Anne Barnes; Edward A. Norfleet, M.D., vice chair of the Department of Anesthesiology; Eric B. Munson; and Dean Bondurant.

Most University administrators and medical school officials who celebrated the groundbreaking of the UNC Ambulatory Care Center dug in firmly with their special "Tar Heel shovels," undaunted by the first raindrops of a late summer thundershower.

News Briefs

The $19 million Thurston Building will be a seven-story structure with 98,500 feet of floorspace. The building is named for Doc J. Thurston Jr., a noted Charlotte businessman, philanthropist and longtime supporter of the UNC medical school. Part of the facility will be used to house the Thurston Arthritis Research Center.

The Bowles Building is named for the late Hargrove "Skipper" Bowles Jr. of Greensboro, who served in the North Carolina General Assembly and was chair of the University of North Carolina Board of Trustees. The seven-story building, with an area of 63,000 square feet, represents an investment of $12 million. Part of the facility will be dedicated to the Bowles Center for Alcohol Studies.

Doc Thurston did the honors at the groundbreaking of the Thurston Building, as Dean Bondurant and UNC President C.D. Spangler Jr., show their approval.

D.G. Martin, University secretary (left), calls the signals while the ground breaking brigade huddles for a team photo. They are, from left: David S. Janowsky, M.D., director of the Bowles Center for Alcohol Studies; Thad Woodard, president, North Carolina Alliance of Community Financial Institutions; former North Carolina Senator Marshall A. Rauch; H. Garland Hershey, D.D.S., vice provost and vice chancellor, health affairs; Earl N. Phillips Jr., chair, UNC-Chapel Hill Board of Trustees; J. Dennis O'Connor, Ph.D., provost and vice chancellor, academic affairs; Erskine B. Bowles; Kelly Bowles; and Dean Bondurant.

New Family Medicine Building Symbolizes University's Commitment to 'Academic Freedom to Pursue Science'

Following are remarks by University of North Carolina President Emeritus William C. Friday, delivered at the dedication of the new William B. Aycock Family Medicine Building September 13. Friday and former Chancellor Aycock, friends for more than 50 years, were law school classmates.

First, we extend congratulations to Dr. (Kenneth) Reeb and all of his colleagues in the Department of Family Medicine, to Dr. Bremer and the Academy of Family Physicians, to the Chancellor, to the President and to the Dean on the dedication of this magnificent structure. This is indeed a day of celebration and of thanksgiving.

The University in Chapel Hill has a deep and rich tradition of serving the people in all ways appropriate to a great public university. There is no finer expression of that relationship than the involvement of the School of Medicine and the other schools in health sciences, the hospital and the important and directly related technologies and special competency programs of the University. This morning this great facility and the critically important program housed within it are dedicated to this historic purpose and take their rightful place in that noble tradition.

So we joyfully celebrate the uncommon effort and the great investment in energy, time and resources by the Academy, the administration and faculty and trustees that have brought us to this hour.

And we express a spirit of thanksgiving to all those in the Academy and the University who gave so much of themselves to the task. We thank the General Assembly and its leadership for their response to these petitions on behalf of the people. Most importantly, we thank the citizens of our state for the resources provided here and for their continuing trust and faith in the University and all it strives to do. Here, indeed, is the sustaining relationship and the derived power that insures the University's continuing greatness.

William C. Friday

Universities become great because of an assemblage of distinguished colleagues at work with its several constituencies to achieve a common and purposeful mission. There is no finer example than this Department of Family Medicine and the Academy we here celebrate. Universities also rise in distinction because of real leaders who, in critical times, manifest honor, integrity, tenacity and the quality of humility that radiates the quiet self-confidence and intellectual courage essential to effective leadership.

This morning is a signal event. The man and his exemplary leadership and this facility and its essential program are well met.

The teaching of medicine and the conducting of critically important medical research depend uniquely upon an essential atmosphere: freedom—academic freedom to pursue science, uninhibited and unshackled by mandate of any kind. Who was the eloquent spokesman when that freedom in this University was legislatively challenged? William Aycock.

The quality of teaching—first-rate teaching—is absolutely essential to the successful study of medicine. Who so believed in the essentialness of good teaching throughout the University that five times the law students chose him as their finest? William Aycock. And this judgment was confirmed by similar student recognition at the University of Texas and the University of Virginia and by his colleagues in the faculty upon his election as Kenan Professor in 1966.

The practice of family medicine brings about the closest doctor/patient relationship. No other professional group enjoys greater public faith and confidence; no other profession carries a deeper sense of public service and personal availability whatever the circumstance, whoever the patient.

Here again, the man and this facility and its programs are well met because William Aycock—whether serving disadvantaged youth or standing resolutely for the rights and status of women, or journeying half-way around the world to help mediate between

News Briefs

warring nations in Asia, or trudging through five miles of foot-deep snow to meet his law class on time—William Aycock always was reliable, respected, consistent, trustworthy.

I must add this personal comment which I trust you will grant me because I speak of a friendship made deep and rich over 50 years of association. The Aycocks and the Fridays came to Chapel Hill in the mid '40s at the close of World War II and neither expected to spend a lifetime having the professional and personal privilege we have enjoyed of living and working in Chapel Hill. We came to study law. Bill was the leader of our study group. When he stated the law—that's the way it was—for he got up earlier, studied longer and worked harder than the rest of us.

He loved the law and he loved the University. No one enjoys being a professor of law more than he.

His contagious devotion and his uncompromising standard of excellence have made his career such a splendid one. And herein lies the remarkable value of his life. He inspires you to do your best. He asks no more of you than he would do himself. He is at all times a gentleman and, to this hour, I have yet to hear him utter one unkind word of another or take advantage of another. No shred of arrogance, ego or vainness marks him, because he deeply believes that to do justly and to be merciful require a humble spirit and a sense of the worth of each individual.

Like each of you, we watched our children grow and the years move by. Our common joy was the achieved excellence of this faculty, the reaffirmed responsible freedom of this place and the enormous and truly significant public service so much the province of Chapel Hill. This great new building itself, such a tribute to Family Medicine and to each member of the Academy renews that sense of joy and personal delight. And year-by-year came a new class, a new generation and a new hope, the reassurance for the future of our state and nation—all the renewing inspiration to this noble son of Chapel Hill.

Knowing him as I do, I can say that William Aycock, had he chosen to be, could have been a great governor as history shows his ancestor was. Or he could have been a great chief justice had he joined the state or federal courts. That he and dear Grace, who has been such a source of joy, love and power in his life, chose to spend all these years in this splendid and productive and self-giving relationship fully merits the action of the Trustees in naming this building for him. Bill, for all here and for the people of North Carolina, it is with grateful hearts and a profound sense of gratitude this morning that we say "thank you."

May God bless and keep you and Grace for years to come so that your University and your state may continue to enjoy and richly benefit from your wisdom and your leadership.

Whitehead Lecturer Robert L. Reddick, M.D., Kenneth M. Brinkhous Distinguished Professor of Pathology, chats with fourth-year co-class presidents Catherine M. Gordon and Julien L. Naylor following the lecture.

Balancing Patient Needs With Technological Advances

Highly charged emotional aspects of scientific technology can sometimes cloud a physician's judgment in caring for his patients, but the best way to cope is by remembering life's simple lessons, said Robert Reddick, M.D., 1990 Whitehead Lecturer.

"Remember that little seed in the Styrofoam cup? The roots go down and the plant goes up, and nobody really knows why. But we are all like that. We grow and develop according to our innate potential, but nobody really knows why. Medicine today is governed by similar simple thoughts," Reddick said in his speech, 'Medicine and Ethics in the 1990s.'

Reddick, who is Kenneth M. Brinkhou Distinguished Professor of Pathology, challenged medical students to always focus on the humanistic side of medicine. He said with high technology and numerous scientific advances in medicine today, they could

easily lose sight of their main purpose—caring for the patient.

"As you begin your journey, it is well to remember that behind every patient is a person. The advances in technological pursuits in many ways will overshadow the patient as a person. The bedside manner, if left unchecked, will be more concerned with the proper balance of electrolytes, CAT scan finding or laboratory results," he said.

"Yet the concern for the fears and submerged expectations of the patient's view of the illness becomes blurred," Reddick said. "Yours, then, must be to set the balance—to, in effect, make a balance of all that is environmentally and spiritually important to the patient."

Reddick said that when physicians face today's complex ethical issues, such as abortion, euthanasia and gene therapy, they should strive to remember the philosophy upon which the principles of medicine were based.

"The principles of medicine today are the same as they were in antiquity. Your journey should begin with the same philosophy. The sense of dedication, good judgment and respect for humanity should be no different today than of those who preceded us. For without a respect for humanity, that true dedication to all that encompasses the practice of medicine cannot endure."

The Whitehead Lecture is held annually in honor of Richard H. Whitehead, M.D., dean of the medical school from 1890 to 1905. The lecturer is chosen by medical students.

Endowment Fund Campaign Progressing Toward $1 Million Target

The Medical Alumni Endowment Fund is nearly two-thirds of the way toward its initial goal of $1 million.

As of late November, commitments for more than $632,000 had been received on behalf of the School of Medicine by the Medical Foundation of North Carolina.

"Currently, we are concentrating on identifying major givers," said Jane M. McNeer, director of development with the Medical Foundation. "These are individuals and philanthropic organizations that may contribute or pledge gifts of $25,000 or more. Members of the Medical Alumni Endowment Board and others will be arranging visits with these individuals to explore their level of interest and to ask for their support.

"The Board is extremely pleased with the progress made and response to date," she added.

The Endowment Fund concept was established in 1985 to provide funding for faculty and student enrichment programs. The major thrust of the campaign began in the fall of 1989, and it is coordinated with the University's Bicentennial Campaign.

UNC Medical School Bestows Nursing Awards

The School of Medicine has presented 1990 Nursing Recognition Awards to six registered nurses at UNC Hospitals.

The awards, sponsored by the medical school and its faculty, salute nurses who have demonstrated excellence in nursing practice, qualities of caring and compassion, and the commitment to teaching and education of health care professionals and students.

"We established these awards as a tangible recognition of the countless vital contributions nurses make in support of the patient care, teaching, research and public service missions of the School of Medicine," said Dean Stuart Bondurant. "Our first group of honorees exemplifies the highest of standards. Each is a truly outstanding performer and it is a privilege to work in partnership with them."

The recipients are: Pamela Welsh, head nurse in Respiratory Intensive Care Unit; Ben Murray, head nurse in Surgery-Trauma ICU; Lynne E. Sobel, nurse education clinician and coordinator, Adult Pulmonary and Cystic Fibrosis Clinic; Gayle I. Grigson, head nurse, Surgery Clinics; Rose P. Dunaway, clinical nurse, Pediatric Inpatient Hematology-Oncology; and Susan E. Wilson, clinical instructor and director of Infectious Disease Case Management.

Norma Berryhill is joined by Carl Gottschalk, M.D., and Dean Stuart Bondurant following the 1990 Norma Berryhill Distinguished Lecture. Gottschalk, Kenan Professor of Medicine and Physiology and acting chair of the Department of Physiology, paid tribute to scientists, past and present, who have made outstanding contributions to the field. The portrait of Mrs. Berryhill, which was presented by the medical school, will hang in Berryhill Hall.

News Briefs

Grant to Fund Blindness Research

The Department of Ophthalmology has received a $50,000 unrestricted grant from Research to Prevent Blindness Inc. for advanced work in the prevention and treatment of sight-threatening diseases.

The grant will provide the department, which is chaired by David E. Eifrig, M.D., maximum scientific freedom to explore new avenues in achieving a better understanding of the eye and its diseases.

Christof Pilgrim, M.D., a noted researcher from the University of Ulm in West Germany, led a roundtable discussion on the foundations of autoradiography at the International Conference and Workshop on In Vitro/In Vivo Autoradiography and Correlative Imaging held this summer in Chapel Hill. Walter E. Stumpf, M.D., professor of cell biology and anatomy and pharmacology, was a principal organizer of the conference that was attended by approximately 200 scientists.

"Obesity: Can We Make a Difference?" was the topic for the 1990 Fall Medical Alumni Meeting held in September. William Heizer, M.D., professor of medicine in the Division of Digestive Diseases and Nutrition, tells an audience of about 150 physicians, nurses, dietitians and nutritionists that successful treatment of obesity requires patients to make permanent changes in eating and activity habits. Heizer, who is also medical director of the Carolina Fitness Program, said that genetic factors account for up to 70 percent of the variation in weight in the population.

UNC Scientists Link Genes To Common Illnesses

UNC scientists have developed what they call a "remarkably simple, but extremely powerful" new method to link genes to such common illnesses as diabetes mellitus, cancer and mental illness.

Michael Swift, M.D., professor of medicine, Lawrence Kupper, professor of biostatistics and Charles L. Chase, a research associate in genetics, reported their research findings in the August issue of the *American Journal of Human Genetics.*

The technique involves finding families in which a suspected gene is present. Researchers then identify and study members of the families who have the disease they are interested in. If the relatives with the disease have the gene more often than expected from genetic principles, that provides strong evidence of a connection between the gene and the illness.

Swift, who was the principal investigator for the study, said, "It means that we now have a rigorous, efficient, reliable way of testing whether a gene we suspect plays a role in cancer or psychiatric illness, for example, really does play a role."

New Center for Speech, Physically Disabled Created

The nation's first literacy center to address the needs of the speech and physically disabled opened in September at the University of North Carolina.

The Department of Medical Allied Health Professions was awarded a two-year, $266,440 grant from the Kate B. Reynolds Health Care Trust to establish the center.

David E. Yoder, Ph.D., chair of the department and center director, said that the center will emphasize prevention and intervention with all age groups and will provide specialized training for parents, educators and professional rehabilitators through consultation, seminars and continuing education programs.

A comprehensive collection of instructional materials and research on literacy will be housed at the center to enable staff to respond quickly to requests for information.

Participants in the 1990 Minority Apprenticeship program (top to bottom): James Ragin Jr., Jason Burt, Aram Alexanian, Thomas Kimble, Mark Purefoy, Candi Stevens and Sharon Lamptey. Program coordinator is Marion Phillips, D.Mn., associate dean of admissions. Since 1980, the School of Medicine has sponsored during the summer an apprenticeship program geared to minority high school students who are considering careers in science or medicine.

Center Award Renewed

The Center for Gastrointestinal Biology and Disease has been awarded a five-year, $3.2 million grant from the National Institute of Diabetes, Digestive and Kidney Diseases.

Established in 1985, the UNC Center is one of 12 digestive diseases research centers funded by the National Institutes of Health across the United States and only two federally funded inflammatory bowel disease research centers. It brings expertise from 15 departments in five health science schools at two universities to bear on illnesses that threaten both humans and animals.

UNC AMA Chapter Prepares Students for Residencies

The UNC Chapter of the American Medical Association-Medical Student Section has initiated a lunchtime talk series entitled, "What's in a Residency." The talks offer first and second-year medical students an opportunity to interact with residents from various specialities before entering their third year.

Invited residents talk about applying for residencies, their daily duties, call schedules, and other aspects of their particular specialties. According to fourth-year student Brad Brechtelsbauer and third-year student Robert Larkin, program coordinators, the talks have been very successful, with as many as 50 students attending each session.

"Students have said they enjoyed interacting with residents and gaining some insight into the fields they'll explore during their third year. They are then able to begin considering which specialties interest them most. These talks allow students to begin to experience the excitement and challenge of medicine," said Brechtelsbauer.

The talks are being expanded to include an evening version called "What's in a Practice," in which invited UNC medical school alumni will discuss issues involving private practice. For more information, contact Stephanie Stadler in Alumni Affairs at (919) 962-2118.

Collins Honored as Distinguished Alumnus

UNC School of Medicine alumnus, Francis S. Collins, M.D., was among four who received the 1990 Distinguished Alumnus Award in October from the University of North Carolina.

Collins

Collins, who is chief of the Division of Medical Genetics at the University of Michigan at Ann Arbor, was honored for his accomplishments in genetics.

The Staunton, VA, native has led research teams that have discovered the genes responsible for cystic fibrosis and neurofibromatosis in the last year.

Other awards recipients were Alaska Governor Stephen C. Cowper, international photographer Luke Powell and sociologist Eleanor B. Sheldon, Ph.D.

The awards, which were established in 1971, were presented as a part of University Day convocation, marking the 197th birthday of UNC. The event commemorates the laying of the cornerstone of Old East, the nation's first state university building, on October 12, 1793.

News Briefs

M. Joycelyn Elders, M.D., 1990 Merrimon Lecturer, is congratulated by Judson J. Van Wyk, M.D., Kenan Professor of Pediatrics and division chief, following her address, "Adolescent Health Issues: What is our role?" Nationally recognized for her efforts to combat teenage pregnancy, Elders is director of the Arkansas Department of Health and an examiner for the American Board of Pediatrics.

Olivier Joins Consultation Center

Teri M. Olivier has been named director of UNC Hospitals' Carolina Consultation Center. She was formerly with the Gulf Coast Regional Office of the American Red Cross in Mobile, AL.

A journalism/public relations graduate of Louisiana State University, Olivier is married to Ken Olivier, M.D. He is a fellow in the Pulmonary Division in the Department of Medicine.

Alumni Elected to Lead NC Medical Society

UNC School of Medicine alumni and one faculty member were recently elected as officers of the North Carolina Medical Society. Edwin Wall Monroe, M.D. '49, was named president at the organization's 136th annual session in Pinehurst. Monroe will serve a one-year term as head of the more than 7,500-member association. He is executive director of the Kate B. Reynolds Charitable Trust.

John Tyler Dees, M.D. '50, is the new president-elect, scheduled to take office November 1991. He is a family practioner in Burgaw.

Eugene S. Mayer, M.D., associate dean and director of the Area Health Education Centers program, was elected second vice president. Re-elected as delegate to the American Medical Association was John W. Foust, M.D. '55, of Charlotte. Foust is a former president of the N.C. Medical Society.

W. Grimes Byerly Jr., M.D. '50, was elected as Councilor of the Fifteenth District. Byerly, who is past president of the UNC Medical Alumni Association, is a general surgeon in Hickory.

Practice Plan Has New Name

The organized practice plan of clinical faculty of the UNC School of Medicine has changed its name from the Medical Faculty Practice Plan to UNC Physicians and Associates. Director Charles Foskey said: "The old name accurately defined the practice plan within the University, but the name did not communicate to patients and the public the broad range of physician services provided."

Foskey said the new name identifies the organization as a highly-skilled, competent and caring multi-specialty medical group accessible to the citizens of North Carolina. The name change was effective July 1, 1990.

Lineberger Foundation Makes $1 Million Grant

The Lineberger Foundation Inc. of Belmont has donated $1 million to the Lineberger Comprehensive Cancer Center at UNC.

Half of the gift will be used for the center's endowment, and the remaining $500,000 will go toward a $15 million fund-raising drive to add three floors to the existing Lineberger building. The building drive is part of the University's Bicentennial Campaign.

"We are gratified and heartened by the further generosity of the Lineberger family through its Foundation in support of the Lineberger Comprehensive Cancer Center," said Joseph S. Pagano, M.D., center director and Lineberger Professor in Cancer Research. "This latest gift will stimulate our building expansion drive and provide inspiration for other North Carolinians to support this vital project."

The Lineberger Center was recently designated as a comprehensive cancer center by the National Cancer Institute, making it one of 21 such centers in the United States.

John R. Chambliss, M.D. (right), enjoys a light moment with former Chancellor Christopher Fordham at a dinner in Rocky Mount recognizing Chambliss' 40 years of private practice and service to the UNC School of Medicine and the North Carolina Area Health Education Centers. Chambliss held an appointment as a clinical assistant professor of medicine.

UNC Researchers First To Study AIDS Drug Combination

The National Institutes of Health has selected the UNC School of Medicine to conduct the first studies of whether low doses of drugs, used together, can prevent the AIDS virus from developing resistance to the medication.

UNC researchers say the drugs, AZT and ddI, will be administered to about 100 symptomless patients across the United States in the lowest doses ever prescribed. An advantage of the low doses is that they should produce fewer side effects, the scientists say.

"We are excited about this study because it will combine information from patients with sophisticated laboratory tests in a way that will teach us a lot about the disease," said Charles van der Horst, M.D., assistant professor of medicine and director of the UNC AIDS Clinical Trials Unit.

Readers Rank Bulletin High

A survey of *Medical Alumni Bulletin* readers completed last month revealed high approval among respondents for the magazine's appearance, content and readability, *Bulletin* editor John W. Stokes has reported.

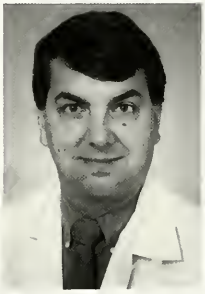
The mail survey, sent to 800 randomly selected readers, achieved a 20 percent response rate. Stokes said 93 percent of respondents gave the magazine's appearance an excellent or good rating. Seventy-nine percent rated the content excellent or good, and 77 percent said readability was excellent or good.

"We also received a number of constructive comments and suggestions, which I value," Stokes said. "I am grateful for feedback and encourage readers to share their ideas and comments anytime."

Faculty Notes

Gary Jones, M.D., assistant professor of pediatrics and a member of the Center for Thrombosis and Hemostasis, has been awarded an $18,981 academic research initiation grant from the N.C. Biotechnology Center.

The grant will fund Jones' work on "Development and Characterization of a Transgenic Mouse Model of Cancer Metastasis."



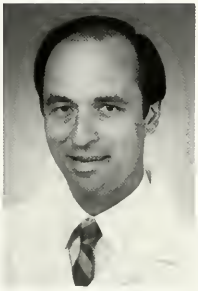
Jones

John T. Sessions Jr., M.D., professor of medicine, has been presented with the 1990 Sword of Hope Award by the North Carolina Division of the American Cancer Society. It is the highest individual award given by the North Carolina division.

Sessions has been a volunteer at the American Cancer Society for almost 40 years. He served as chairman of the Board of Directors at the North Carolina division in 1989.

The Sword of Hope Award was established in 1982 through a gift from the family of former Gov. Robert Scott. The award recognizes individuals who have performed a significant service in the battle against cancer in North Carolina, and whose work has made an impact on cancer control statewide.

James F. Huth, M.D., FACS, associate professor or surgery, has been named Cancer Liaison Physician for UNC Hospitals by the Commission on Cancer of the American College of Surgeons.



Huth

The Cancer Liaison Program consists of a nationwide network of 2,400 volunteer physicians selected to provide leadership and support for hospital cancer programs. They also work to promote communication and consultation as a means of providing better patient care.

The Commission on Cancer, composed of Fellows of the College and Liaison members representing 24 other cancer-related organizations, has approved more than 1,200 hospital cancer programs across the country.

Jaroslav F. Hulka, M.D., professor of obstetrics and gynecology, has been named to the North Carolina State Bar Board of Legal Specialization.

Hulka, who was appointed to a three-year term effective July 1, is one of three non-lawyers to sit on the nine-member board.

Hulka

The Board of Legal Specialization sets standards and procedures whereby lawyers may become board-certified in their areas of interest and expertise.

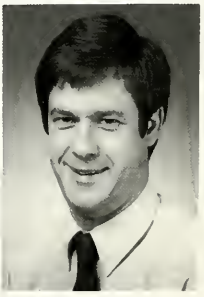
Amir H. Rezvani, Ph.D., assistant director of Bowles Biomedical Research Laboratory of the UNC Center for Alcohol Studies, was elected field editor for *Science Matters,* a newsletter for the Alcoholism and Drug Research Communications Center based in Texas.

Rezvani

Mary Ellen Jones, Ph.D., Kenan Professor of Biochemistry, was one of three organizers of "Genes and Enzymes of Pyrimidine Biosynthesis," a symposium sponsored by the American Society of Biochemistry and Molecular Biology as part of its annual meeting last June in New Orleans. The symposium, which was funded by Burroughs Wellcome Co. and Glaxo Inc. in Research Triangle Park, brought 15 foreign scientists together.

Carla Sueta, M.D., clinical instructor and fellow trainee, and **Kirkwood F. Adams Jr., M.D.,** assistant professor of medicine, and **J. Herbert Patterson, Pharm.D.,** associate professor, School of Pharmacy, received a $15,000 gift from G.D. Searle & Co. to continue their research on the role of magnesium in patients with cardiomyopathy.

Alan Hinderliter, M.D., assistant professor of medicine, was awarded the James W. Woods Junior Faculty Award for 1990. Hinderliter received $3,000. The awards were established to support research and scholarship in the School of Medicine.



Hinderliter

Class Notes

Manning Berryhill Club

Rufus R. Little, M.D. '30, lives in Ho-Ho-Kus, NJ, and is a retired hospital administrator and director of Pulmonary Diseases. He would like for members of the medical school class of 1930 to write him at 77 Elmwood Avenue in Ho-Ho-Kus.

Louis Appel, M.D. '31, would like to hear from fellow amateur ham radio operators. His call sign is KC4FQF on a 10-meter band.

Max Novich, M.D. '39, received the Lifetime Service Award from the New Jersey Orthopedic Society at a ceremony in Antigua, West Indies. He is widely recognized for his national role in establishing the specialty of Sports Medicine and promoting the medical aspects of boxing safety. A retired orthopedic surgeon, Novich and his wife, Jean, live in Edison.

50s

B.H. Byerly, M.D. '51, reports that he made a hole-in-one and became the senior champion at his club in Tallahassee, FL. He also recently took on a fourth partner in his ophthalmology practice.

60s

Robert L. Grubb Jr., M.D. '65, has been awarded the prestigious Grass Prize by the Society of Neurological Surgeons. Grubb, a professor of neurosurgery at Washington University School of Medicine, has conducted extensive research on the manner in which cerebral blood vessels are regulated to meet the metabolic needs of the brain. His studies provide the basis for a more scientific assessment of the treatment of patients at risk for stroke.

The Society awards the Grass Prize to neurosurgeons who have demonstrated a long-term commitment and outstanding contributions to research in neurological surgery.

James D. Hundley, M.D. '67, has been elected to a one-year term as president of the UNC Orthopaedic Alumni Association. He lives in Wilmington.

David E. Woodruff Jr., M.D. '68, practices cardiology in Sacramento, CA. He lives in Carmichael.

Joseph W. Griffin Jr., M.D. '68, proudly reports that his son, Keith, graduated from the UNC School of Medicine last May. Griffin lives in Augusta, GA.

70s

Stephen L. Green, M.D. '70, has received a United States patent for a needle protective glove. He is in private practice in Hampton, VA.

Carol A. Aschenbrener, M.D. '71, was recently promoted to Executive Associate Dean and Professor of Pathology at the University of Iowa College of Medicine in Iowa City. She reports that her administrative duties leave little time for pathology, but she continues to do some autopsy pathology, participate in the inter-institutional Brain Tumor Study Group and teach pathology courses. Her daughter, Erin, attends Rosary College in River Forest, IL.

Aschenbrener

Mark M. Vogelhut, M.D. '75, was recently elected 1st vice president of the Florida Society of Anesthesiologists and secretary/treasurer of the medical staff at Tallahassee Memorial Regional Medical Center.

Christopher M. Wise, M.D. '77, has been promoted to associate professor of internal medicine-rheumatology at the Bowman Gray School of Medicine of Wake Forest University in Winston-Salem. Wise joined the faculty in 1982 as an instructor in medicine.

Lynn E. Wesson, M.D. '78, has joined the Charlotte Psychiatric Associates. Her professional interests include psychotherapy, sexual dysfunction and women's issues.

Douglas B. Thomson, M.D. '79, has passed his critical care boards and is now busily getting back into old car restorations. He lives in Bowling Green, KY.

80s

Judy A. Daly, Ph.D. Dec., '80, is associate professor of pathology at the University of Utah. She is also director of Microbiology Laboratories at the Primary Children's Medical Center in Salt Lake.

Cynthia DiLaura Devore, M.D., and **Carl M. Devore, M.D.,** both **Housestaff '83,** are residing in Pittsford, NY, with their two sons, Michael and Adam. Cynthia owns a private consulting firm, School Health Services, while Carl directs medical operations at Riverfront Medical Services in Rochester. They report that Carl has become a local TV and radio regular, serving as the resident medical expert.

Phil Dickey, M.D. '83, has entered private practice in neurosurgery in New Haven, CT. Married in 1988, he and his wife had their first child in September.

Joseph H. Burkett, M.D., Housestaff '85, has been appointed director of Willow Creek Hospital in Arlington, TX. A full-service, 92-bed psychiatric hospital, it offers psychiatric and chemical dependency inpatient services for adults and adolescents, an adolescent day hospital and a residential treatment program.

Douglas Diekema, M.D. '85, has just finished a year as chief resident of pediatrics at the University of Wisconsin Medical Center. He also has been teaching medical ethics at Edgewood College and will be starting a fellowship in pediatric emergency medicine at the Children's Hospital in Seattle.

Stephen Wall, M.D. '86, is a neonatology fellow at Harvard. He completed a pediatric internship and residency at the University of California at San Francisco from 1986-89. Wall recently earned a master's degree in epidemiology from the Harvard School of Public Health.

Cary C. McDonald, M.D. '87, is an emergency medical service fellow and attending physician at the Illinois Masonic Medical Center in Chicago. He completed an emergency medicine residency this past June.

Gwen David, M.D. '89, was named Obstetric/Gynecology Intern of the Year by fellow residents at St. Barnabas Medical Center in Livingston, NJ.

Deaths

B. Francis Barham Jr., M.D. '71
Margaret R. Womack

Margaret R. Womack, widow of Nathan A. Womack, M.D., who was the first chairman of the Department of Surgery, died in October. She was 87.

She is survived by her son, James Anthony Womack; her daughter, Sarah R. Womack Hruska, of East Lansing, MI; and two grandchildren. Nathan Womack died in 1975.

A Salute To Our Donors

Your support of The Medical Foundation of North Carolina, Inc. during 1989-90 has provided for research, education and health care activities throughout the University of North Carolina-Chapel Hill School of Medicine.

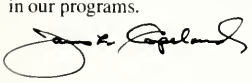
We are pleased to recognize contributors by publishing this "Honor Roll" of contributors who made gifts between July 1, 1989 and June 30, 1990.

- 3,047 gifts were received totaling $5,554,312.
- 1,429 new, first-time gifts were received.
- 612 individuals increased their gift dollar amounts over 1988-89.

Although giving statistics are helpful, the real importance of this report is the work that has been accomplished and the people who have been touched by your support.

- Medical and graduate students have received scholarship assistance.
- Research has been advanced in many difficult diseases and disorders including cancer, arthritis, cystic fibrosis, heart disease, kidney disease, brain functioning neurological disorders and others.
- Distinguished Professorships have been named and endowed.
- Outstanding Teachers, Students and Alumni have been honored.
- Visiting Professors have come to teach and Lectureships have been held.
- Facilities for teaching, research and health care have been expanded, renovated or constructed.

Your investment in our programs is providing a "margin of excellence" at a time of increasing costs and declining sources of alternate support. We are genuinely grateful for your help and we will strive to use these funds wisely in maintaining high standards in our programs.



James L. Copeland
Executive Director

Donors are listed in alphabetical order and by Class. Loyalty Fund Associates and Lineberger Club members have been recognized for their contributions of $1,000 or more to the Medical Alumni Loyalty Fund and the Lineberger Comprehensive Cancer Center respectively. Those contributors who gave $1,000 or more have been designated by an asterisk before their name. Those contributors who gave $10,000 or more have been designated by their name in bold print.

The Foundation has made every attempt to ensure the accuracy of this report. We apologize in advance for any omissions that may have occurred. If you have any questions about the omission of your name in this list please contact the Medical Foundation office at 1-800-962-2543.

Honor Roll of Donors

Dr. J. Curtis Abell, Statesville
*Dr. Henry W. Abernethy, Hickory
Dr. Olivia Abernethy, Winston-Salem
*Dr. and Mrs. William B. Abernethy, Jr., Gastonia
Mr. Roger W. Ackerman, Sumter, SC
Ms. Anne Penn Adams, Greensboro
Ms. Ann Rawls Adams, Virginia Beach, VA
Mr. and Mrs. Buck Adams, Pinehust
Mr. and Mrs. C. Morris Adams, High Point
Mr. and Mrs. Edward Keith Adams, Mount Gilead
Mrs. Helen C. Adams, Charlotte
Mr. and Mrs. James B. Adams, Greensboro
Mrs. John B. Adams, Chapel Hill
Dr. Kirkwood F. Adams, Jr., Chapel Hill
*Dr. Larry L. Adams, New Bern
Ms. Margery W. Adams, Charlotte
*Dr. Simeon H. Adams, New Bern
Mr. and Mrs. John W. Adelberg, Raleigh
Mr. and Mrs. Rexford Adelberger, Greensboro
Aeroglide, Cary
Dr. and Mrs. Joseph Edward Agsten, Kinston
Dr. Janet C. Aiken, Gastonia
Dr. Warwick Aiken, III, Gastonia
Mr. and Mrs. William Aikins, Durham
*Akers Foundation, Gastonia
Dr. Onye E. Akwari, Durham,
*Dr. Julian S. Albergotti, Jr., Charlotte
Dr. Rudolf F. Albert, Roanoke, VA
Mr. and Mrs. J. Mack Albright, Greensboro
Dr. Joseph L. Albright, Jr., Alexandria, VA
Ms. Susanne D. Albright, Gastonia
Mr. and Mrs. Allen D. Aldridge, Durham
Alexander Brown & Sons, Inc., Winston-Salem
Ms. Frances A. Alexander, Tuscaloosa, AL
Mr. and Mrs. J. Grier Alexander, Charlotte
Mr. and Mrs. James H. Alexander, Chester, VA
Dr. and Mrs. James M. Alexander, Charlotte, DSA '67
Dr. James P. Alexander, Jr., Decatur, GA
Mr. and Mrs. R. Alexander, Jr., Charlotte
Dr. Sydenham B. Alexander, Tuscaloosa, AL
Dr. Vance T. Alexander, Davidson
Mrs. Frances W. Alexius, Wilmington
*Mrs. William F. Algary, Asheville
*Dr. William P. Algary, Greenville, SC
Allen and Associates, Troy
Mr. and Mrs. Arch T. Allen, III, Raleigh
Mr. and Mrs. Billy Allen, New Bern
Ms. Carol C. Allen, Raleigh
Mr. David W. Allen,Greensboro
Mrs. Elizabeth Roper Allen, Greensboro
Mrs. James B. Allen, Troy
Mr. Jeff Allen, Biscoe
Dr. Jerry H. Allen, Jr., Springfield, MO
Mrs. Julia M. Allen, New Bern
Mrs. Margaret P. Allen, Greensboro
Ms. Natalie E. Allen, Star
Ms. Wanda T. Allen, Wilson
Mr. and Mrs. William M. Alligood, Washington
Dr. E. Jackson Allison, Jr., Greenville
Mr. and Mrs. Jones Almond, Jr., Mount Gilead
Alpha Delta Pi, Chapel Hill
Mr. and Mrs. William C. Alston, Rocky Mount
Dr. and Mrs. W. Alsup, Winston-Salem
Altrusa Club of Burlington, Burlington
Altrusa Club of Caldwell County, Lenoir
Mr. and Mrs. Jerry S. Alvis, Raleigh
Mr. and Mrs. Gene T. Aman, Raleigh
Mrs. Thomas B. Amelia, Sanford
Dr. Julius Amer, Denver, CO
American Academy of Facial Plastic & Reconstructive, Surgery, Washington, DC
*American Medical Association, Chicago, IL
*American Society for Surgery of the Hand, Aurora, CO
Mr. and Mrs. John B. Ames, Pittsboro
Amicon Division of W.R. Grace & Co., Beverly, MA
AndeLear Corporation, Raleigh
Mr. and Mrs. Curtis Anderson, Raleigh
Ms. Ellen Anderson, Banner Elk
Mr. and Mrs. Esley O. Anderson, Jr., Charlotte, DSA '82
Dr. Eve S. Anderson, Tampa, FL
Mr. H. Perrin Anderson, Charlotte
Dr. Harry S. Anderson, Chattanooga, TN

Remember your first days as a full-fledged medical student? Anticipation. Happiness. Fear. Excitement. Re-live those moments in the following photos taken by Chapel Hill photographer Dan Crawford during Medical Student Orientation 1990. Shown here in foreground is second-year medical student David Wells.

Mr. and Mrs. Ivan Anderson, Jr., Charleston, SC
Dr. Jay A. Anderson, Sumter, SC
Mrs. Marianne A. Anderson, Charlotte
Ms. Nadia M. Anderson, Durham, NC
Mr. and Mrs. William Anderson, Charlotte
Mrs. Janet R. Anderton, Raleigh
Mr. Allen Andrew, Greensboro
Dr. and Mrs. W. F. Andrew, Jr., Raleigh
Emily Andrews Foundation, Gastonia
Mr. and Mrs. Harold Andrews, Gastonia
Mrs. Mary Linda Andrews, Durham
Mrs. Mary Wells Andrews, Bethel
Ms. Nancy Hinton Andrews, Raleigh
Mr. and Mrs. Richard Andrews, Wilmington
Mr. and Mrs. William F. Andrews, Raleigh
Mr. Lee G. Ange, Wilson
Mr. and Mrs. Bonneau Ansley, Atlanta, GA
*Mr. and Mrs. Shepard Ansley, Atlanta, GA
Dr. and Mrs. L. L. Anthony, Jr., Gastonia
Mr. and Mrs. Jay C. Appel, New Bern
Dr. Jesse Appel, Kew Gardens, NY
Dr. Louis Appel, Newton, CT
Mr. Derek F. J. Appleton, Chapel Hill,
Dr. J. Vincent Arey, Concord
Mrs. R. M. Argo, Charlotte
Ms. Mary E. Armbruster, Chapel Hill
*Mrs. Anne O. Armfield, Winston-Salem
*Mrs. William J. Armfield, Greensboro
Ms. Gae S. Armstrong, Mount Gilead
Mrs. Debra S. Aronson, Raleigh
Mr. and Mrs. James D. Artman, Cary
Dr. James W. Asaph, Portland, OR
Mr. R. A. Ashton, III, New Bern
Mr. and Mrs. Garland L. Askew, Raleigh
Dr. Frederic B. Askin, Chapel Hill
*Assoc. of Health Opportunities, Cleveland, OH
Mr. Jack F. Astrella, Greensboro
Mr. and Mrs. Leland G. Atkins, Charlotte
Mr. and Mrs. M. Atkins, Jr., Charlotte
Ms. Sandra K. Atkins, Durham
Mr. and Mrs. T. P. Atkins, Troy
Mr. and Mrs. Carl W. Atkinson, Troy
Dr. and Mrs. Edwin L. Auman, High Point
Dr. James Richard Auman, Chesapeake, VA
Mr. and Mrs. A. H. Ausley, Sanford
Dr. Frederick D. Austin, III, Washington
Dr. Frank W. Avery, Raleigh
Ms. Kryste N. Avery, Carrboro
*Ms. Mary Anne Avery, Rocky Mount
Dr. David L. Avner, Greensboro, PA
Mr. and Mrs. Bill Aycock, Chapel Hill
Mr. and Mrs. William Aycock, II, Greensboro
Mr. and Mrs. Arthur S. Aylsworth, Chapel Hill
Dr. Q. Whitfield Ayres, Roswell, GA
Dr. Rebecca I. Ayres, Roswell, GA
Mr. and Mrs. E. O. Ayscue, Jr., Charlotte
Dr. Lanier H. Ayscue, Chapel Hill
Dr. Quincy A. Ayscue, Sr., Norfolk, VA
Ms. Irma Rose Baal, West End
Mr. and Mrs. James Babb, Charlotte
Dr. Cristin J. Babcock, Durham
Dr. Elizabeth S. Babcox, Shaker Heights, OH
Dr. and Mrs. P. J. Bach, Charlotte
Mr. and Mrs. Zack Bacon, Jr., Raleigh
Mr. R. P. Badham, Raleigh
Mr. and Mrs. Joseph E. Bafford, New York, NY
Mrs. Mena R. Bafford, Lexington
Mr. and Mrs. George Bagby, Charlotte
Dr. and Mrs. Joseph W. Baggett, Fayetteville
Dr. H. Clifford Baggett, Jr., Rocky Mount
Mr. C. Robert Bagnell, Chapel Hill
Mr. and Mrs. F. H. Bailey, New Bern
Ms. Geraldine M. Bailey, Troy
Dr. Hilda H. Bailey, Salisbury
Mr. and Mrs. J. Ruffin Bailey, Raleigh
Ms. Sarah Heuerman Bailey, Charlotte
Mr. T. Ed Bailey, Raleigh
*Dr. H. Wallace Baird, Greensboro
Mrs. E. K. Baker, New Bern
Ms. Jane W. Baker, Charlotte
Dr. Joan Margo Baker, Kinston
Dr. John H. Baker, Williamsburg, VA
Ms. Kathleen W. Baker, Pinehurst
Mr. and Mrs Lennis Baker, Lubbock, TX
Dr. Lenox D. Baker, Durham
Ms. Mary S. Baker, Seattle, WA
Mr. Paul W. Baker, Sr., Siler City
Dr. and Mrs. Sheldon Balbirer, Durham
Dr. Andrew H. Balder, Longmeadow, MA
*Dr. Gertrude A. Bales, Rochester, NY
Mr. and Mrs. B. G. Ballenger, Monroe
Dr. A. John Bambara, Bridgewater, NJ
Ms. Anne G. Bander, Raleigh
Dr. Kenneth Banks, Durham
Mr. Kenneth E. Banks, Fayetteville
Mr. and Mrs. David S. Barber, Greensboro

Mr. and Mrs. James B. Barber, Greensboro
*Barclays American Foundation, Inc., Charlotte
Ms. Margaret A. Barclay, Wilmington
Mr. and Mrs. Richard L. Barefoot, Raleigh
Ms. Alice S. Barkley, Greensboro
*Mr. Key L. Barkley, Raleigh
Dr. John S. Barlow, Concord, MA
Dr. George W. Barnard,Sr., Gainesville, FL
Barnes Supply Company, Durham
Ms. Betty Lou Barnes, Durham
Dr. David S. Barnes, Shaker Heights, OH
Mr. and Mrs. James J. Barnes, Jr., Fayetteville
Dr. Walter C. Barnes, Jr., Texarkana, TX
Mr. and Mrs. W. E. Barnes, Wilson
Ms. Ann Barnett, Charlotte
Ms. Louise F. Barnett, Pittsboro
*Mr. J. C. Barnhardt, Mount Airy
Dr. W. H. Barnwell, II, Charleston, SC
Mr. and Mrs. George L Barquist, Pittsboro
Mr. and Mrs. Gerald Barrett, Chapel Hill
Ms. Lynette Barrett, Morehead City
Mrs. Ruth S. Barrett, Charlotte
*Mr. and Mrs. Paul B. Barringer, Weldon
Dr. Phil L. Barringer, Monroe
Dr. and Mrs. Thomas Avery Barringer, III, Charlotte
Dr. Archie L. Barringer, Mount Pleasant, DSA '73
Dr. Michael L. Barringer, Shelby
Dr. and Mrs. David W. Barry, Chapel Hill
Mr. and Mrs. Ernest H. Barry, Charlotte
Mr. and Mrs. Kevin L. Barry, Raleigh
Dr. Paul D. Barry, Greensboro
Dr. Robyn W. Barst, Scarsdale, NY
Dr. Robert A. Bashford, Chapel Hill
Dr. John F. Baskar, Chapel Hill
Mrs. Jesse S. Basnight, Chapel Hill
Mr. and Mrs. Brian M. Bass, Cary
Dr. and Mrs. Robert Bast, Jr., Chapel Hill
*Mr. Harold H. Bate, New Bern
Mr. and Mrs. John Bate, Jr., Wrightsville Beach
Mr. W. Bryson Bateman, Jr., Goldsboro
Dr. and Mrs. Frank T. Batten, Wilson
Mr. and Mrs. Gary B. Batten, Candor
Ms. Mary Harlan Batten, Emerald Isle
*Mr. and Mrs. Thomas B. Battle, Rocky Mount
The Battle Foundation, Inc., Rocky Mount
Mrs. Walter Baucom, Chapel Hill
Dr. Mary J. Baxley, Greensboro
Mr. and Mrs. Lacy G. Baynes, Greensboro
Branch Banking & Trust, Wilson
Mr. Lamar Beach, Sanford
*Mr. Eric Beales, Chapel Hill
Dr. and Mrs. Martin Beals, Jr., Elizabeth City
*Mr. W. S. R. Beane, Wilmington
Mr. Thomas R. Beard, Greensboro
Dr. and Mrs. Denis I. Becker, Raleigh
Dr. Karen P. Beckerman, Clayton, MO
Dr. L. M. Becton, Asheville
Mr. John W. Becton, Chapel Hill
Mr. and Mrs. W. T. Becton, Raleigh
Dr. Elizabeth P. Belch, Melbourne, FL
Mr. David L. Belew, Hamilton, OH
Mr. and Mrs. John R. Belfi, Greensboro
Mr. and Mrs. Irwin Belk, Charlotte
Mrs. Katherine McKay Belk, Charlotte
*Mr. and Mrs. William I. Belk, Charlotte
Mr. and Mrs. Gerald D. Bell, Chapel Hill
Dr. John L. Bell, Pinehurst
Dr. Joseph T. Bell, II., Casper, WY
Mr. William N. Bell, Raleigh
Dr. and Mrs. Ty Bell, Casper, WY
Mr. Dwight A. Bellinger, Hillsborough
Dr. and Mrs. Neil C. Bender, New Bern
Mr. David Benevides, Research Triangle Park
Mrs. Lois Benjamin, Charlotte
Dr. Lawrence N. Bennett, Wilkesboro
Dr. Truett V. Bennett, Oriental, HI
Dr. George W. Bensch, Stockton, CA
Dr. John D. Benson, Cary
Dr. Walter R. Benson, Chapel Hill
Dr. Stuart A. Bentley, Chapel Hill
Dr. G. Ruffin Benton, III, Brevard
Dr. and Mrs. Thomas W. Benton, Charlotte
Mr. Charles E. Bergamini, Wilmington
Dr. Robert G. Berger, Chapel Hill
*Mr. and Mrs. Barrie Bergman, Durham
Mr. and Mrs. Kenneth Bergman, Stokesdale
*Dr. Juris Bergmanis, Honolulu, HI
Dr. S. Bruce Berkeley, Jr., Goldsboro
Mr. M.K. Berkut, Chapel Hill
Ms. A. Lynn Berle, Raleigh
Dr. Bruce A. Berlow, Santa Barbara, CA
Mr. and Mrs. Herman W. Bernard, High Point, DSA '90
Dr. Stephen A. Bernard, Chapel Hill
Mr. and Mrs. Roger Bernholz, Chapel Hill
*Dr. and Mrs. Jerry C. Bernstein, Raleigh
Ms. Susan D. Bernstein, Chapel Hill
Mr. Brad Berqquist, Hillsboro, OR
Mrs. Anita W. Berry, Raleigh
Ms. Elizabeth N. Berry, Charlotte
Dr. and Mrs. Bruce H. Berryhill, Charlotte
*Mrs. Norma Connell Berryhill, Chapel Hill, DSA '75
Mr. and Mrs. L. David Berryhill Jr., Charlotte
Mr. and Mrs. Ugo Bertolami, Charlotte
Dr. Edward H. Bertram, III, Charlottesville, VA
Best Distributing Company, Goldsboro
Ms. Elizabeth H. Best, Goldsboro
*Munroe Best Foundation, Goldsboro
Beta Sigma Phi, Durham
Beta Sigma Phi, Kinston
Beta Sigma Phi, Mount Airy
Beta Sigma Phi, Xi Alpha Epsilon, Greensboro
Bethany VFD Ladies Auxiliary, Reidsville
A Better Image Printing, Carrboro
Betts & Company Insurors, Whitakers
Dr. and Mrs. Preecha Bhotiwihok, Kinston
Ms. Eloise T. Bibb, Charlotte
Mrs. Fred A. Bickell, Pittsboro
Ms. Margaret L. Jones Bicket, Pinehurst
Ms. Joyce W. Biggers, Chapel Hill
Dr. W. Paul Biggers, Chapel Hill
Mr. John G. Bikle, Wilson
*Dr. and Mrs. Robert H. Bilbro, Raleigh
Dr. Stephen B. Billick, New York, NY
Mr. and Mrs. John W. Bingaman, Greensboro
Mr. and Mrs. Eldon G. Binkley, Clemmons
Mr. and Mrs. Mars Bishop, Barrington, RI
Mrs. Sara H. Bissell, Charlotte
Dr. and Mrs. John R. Bittner, Chapel Hill
Ms. Jill J. Blacharsh, Espan, NM
Mr. and Mrs. Albert G. Black, Charlotte
Mr. and Mrs. H. G. Black, Gastonia
Ms. Helen Doyle Black, Greensboro
Mr. and Mrs. James Black, III, Raleigh
Dr. John S. Black, Bowling Green, KY
Dr. Lynn Black, Riverside, CT
Mr. R. K. Black, Oklahoma City, OK
Dr. Jesse A. Blackman, Fremont
*Mr. and Mrs. George S. Blackwelder, Jr., Hickory
Mrs. Alleen W. Blackwell, Troy
Mr. A. Richard Blair, West Orange, NJ
Dr. G. Walker Blair,Jr., Burlington
Dr. Joseph R. Blair, Troy
*Mrs. Marie Blair, Wilson
Mr. and Mrs. Robert Blair, Southern Pines
Dr. and Mrs. Robert Blair, Jr., New Bern
Dr. Gerald W. Blake, Raleigh
Mr. and Mrs. Gregory L. Blake, Troy
Ms. Inez A. Blake, Candor
Dr. and Mrs. Robert A. Blake, Gastonia
Ms. Susan F. Blakely, Marietta, GA
Blanchard, Twiggs, Abrams & Strickland, P.A., Raleigh
Dr. Lucius Blanchard, Las Vegas, NV
Mr. and Mrs. William Blanton, Jr., Raleigh
Dr. Philip M Blatt, Wilmington, DE
Ms. Catherine Block, Chapel Hill
*Mr. Norman E. Block, Jr.,Chapel Hill
Ms. Helen L. Blomberg, Greensboro
Mrs. Carolyn Blount, Salisbury
*Mr. and Mrs. F. L. Blount, Jr., Bethel
Dr. and Mrs. Frederick A. Blount, Winston-Salem
*Mr. and Mrs. James Blount, Jr., Raleigh
Dr. and Mrs. John M. Blount, III, Salisbury
Mr. and Mrs. Ralph B. Blowe, Sr., Weldon
Mr. and Mrs. A. W. Bloxham, Winston-Salem
Mr. and Mrs. F. J. Blythe, Jr., Charlotte
*Dr. and Mrs. William B. Blythe, II, Chapel Hill
Ms. Nancy S. Board, Raleigh
Drs. Thomas F. and Barbara Boat, Chapel Hill
Ms. Patricia Boatright, Charlotte
Mrs. Susan M. Boatwright, Charlotte
The Bob Swan Co., Inc., Mount Gilead
Boddie-Noell Enterprises, Inc., Rocky Mount
Mr. Arthur P. Bode, Greenville
Mr. and Mrs. John Bode, Raleigh
Mr. and Mrs. Vincent H. Bode, Raleigh
Dr. and Mrs. William Bodner, Jr., Greensboro
Mrs. Helen Boehm, Trenton, NJ
Dr. Robert S. Boger, Lake Forest, IL
Dr. Jean C. Bolan, Washington, DC
Dr. Oscar H. Bolch, Jr., San Diego, CA
Ms. Laura Bolen, Charlotte
Dr. Charles A. Bolick, Iowa City, IA
Mr. and Mrs. Stuart F. Bondurant, Atlanta, GA
Dr. Stuart O. Bondurant, Jr., Chapel Hill
Mr. C. Bolton H. Boney, Raleigh
Mr. Dan C. Boney, III, Raleigh
Mr. and Mrs. Dan C. Boney, Jr., Raleigh
Mr. and Mrs. Leslie Boney, Jr., Wilmington
Dr. M. D. Bonner, Greensboro, DSA '55
Mr. William R. Bonsal, Southern Pines
Mr. F. C. Booker, Jr., Craigville, MA
Dr. David W. Boone, Chattanooga, TN
Mr. and Mrs. P.V. Boone, Stokesdale
Mr. and Mrs. Douglas Booth, Charlotte
Mr. and Mrs. Koka Booth, Cary
Dr. O. Watts Booth, Newport News, VA
Mr. and Mrs. Richard Booth, Charlotte
Mr. and Mrs. Richard C. Booth, Cary
Ms. Dothan R. Boothe, Charlotte
*The Boots Company, Shreveport, LA
Mr. and Mrs. A. G. Borden, Henderson
Mr. Edwin B. Borden, Jr., Goldsboro
*Mr. and Mrs. W.C. Boren, III, Southern Pines
Mr. and Mrs. Ulf Boshamer, Charlotte
Bossong Hosiery Mills, Inc., Asheboro
Ms. Mary C. Bost, Chapel Hill
Mr. Thomas M. Bost, Charlotte
Ms. Betty T. Bouldin, Chapel Hill
Dr. Thomas W. Bouldin, Chapel Hill
Dr. Alexis C. Bouteneff, Litchfield, CT
Mr. Dean Bower, McAdenville
Dr. Richard A. Bowerman, Ann Arbor, MI
Bowers Fibers, Inc., Charlotte
Mr. H. Tate Bowers, Charlotte
Mr. and Mrs. John Bowers, Elizabeth City
Mr. and Mrs. Richard Bowers, Charlotte
Mr. and Mrs. Walter H. Bowers, Troy
Dr. Watson A. Bowes, Jr., Chapel Hill
Ms. Jane M. Bowler, Pittsboro
Mrs. Crandall Bowles, Charlotte
Mr. Hargrove Bowles, III, Greenville, SC
*Dr. and Mrs. Frederick O. Bowman, Jr., Riverdale, NY
Ms. Ruth D. Bowman, Hickory
Dr. and Mrs. William Bowman, Jr., Greensboro
Mrs. Celia U. Boyce, Edenton
Dr. and Mrs. Basil M. Boyd, Jr., Charlotte
Mr. Leon C. Boyd, Raleigh
*Dr. and Mrs. Richard A. Boyd, Statesville
Ms. Sylvia Boyd, Statesville
Ms. Thelma H. Boyd, Chapel Hill
Ms. Lisa Boyer, Peoria, IL
Dr. and Mrs. James G. Boyes, Jr., Weddington

Mr. James M. Boyette, Raleigh
*Dr. Wayne F. Boyles, Hickory
Dr. Winslow Brabson, Hampton Falls, NH
Mrs. Leah S. Brachman, Raleigh
Dr. and Mrs. Thomas Brackbill, Greensboro
Mr. and Mrs. Robert Bracy, Raleigh
Dr. William S. Bradford, Windermere, FL
Mr. and Mrs. Daniel H. Bradley, Savannah, GA
Ms. Janet Y. Bradshaw, Charlotte
Mr. Thomas S. Bradshaw, Charlotte
Mr. Robert W. Bradshaw, Jr., Charlotte
Mr. and Mrs. Michael W. Brady, Durham
Dr. and Mrs. Robert G. Brame, Greenville
Mr. Leroy Branch, Louisburg
Ms. Harriott P. Brand, Troy
Dr. Myron H. Brand, Madison, CT
Mrs. R. Alfred Brand, Charlotte
Dr. John D. Brandon, Seal Beach, CA
Ms. Rochelle Monique Brandon, Winston-Salem
Mr. and Mrs.Warren Brandon, New London, CT
Dr. Wade M. Brannan, Port Arthur, TX
Dr. R. Edward Branson, San Ramon, CA
Dr. Julian C. Brantley, III, Washington
Dr. Julian T. Brantley, Greensboro
Dr. Julian T. Brantley, Jr., Bethesda, MD
Mr. C. F. Bratton, Chapel Hill
Dr. Doris B. Braxton, Burlington
Ms. Doris Bray, Greensboro
Ms. Francine LaPointe Bray, Charlotte
Mr. and Mrs. G. L. Bray, Scotland Neck
*Dr. C. A. Bream, Chapel Hill
Dr. Peter R. Bream, Jacksonville, FL
Ms. Jean Breckenridge, Durham
Ms. Angela Dillard Breeden, Charlotte
Ms. Betsy W. Brennan, Raleigh
Dr. and Mrs. Terry R. Brenneman, Raleigh
Mr. George Breslow, Greensboro
Mrs. Lucy H. Brewer, Siler City
Mr. Stanford F. Brewer, Raleigh
Mr. Street Brewer, Charlotte
Dr. Thomas E. Brewington, Jr., Greensboro
Mr. and Mrs. Bricklemyer, Sr., Orangeburg, SC
Dr. E. Drew Bridges, Wake Forest
Mrs. Robert E. Bridges, Raleigh
Dr. Phillip M. Bridgman, Potsdam, NY
Mrs. Sally M. Brigden, Charlotte
*Dr. Robert Alan Briggaman, Chapel Hill
Mr. Cedric M. Bright, Winston-Salem
Dr. Paul H. Brigman, Trinity
Mr. and Mrs. Charles N. Briley, Charlotte
Mr. and Mrs. Emmett W. Bringle, Greensboro
Dr. Kenneth M. Brinkhous, Chapel Hill, DSA '87
Mr. William M. Brinkley, Valdese
Mr. and Mrs. Robert Brinson, High Point
Mrs. Katherine M. Brittain, Charlotte
Mr. and Mrs. E. S. Brock, III, Durham
Mrs. Jake Brody, Kinston
Dr. John I. Brooks, Jr., Tarboro
*Dr. and Mrs. Ralph E. Brooks, Jr., High Point
*Mrs. Thornton H. Brooks, Greensboro
Dr. Harry L. Broome, Alpharetta, GA
Ms. Virginia A. Broughton, Raleigh
*Mr. Herbert M. Browder, Jr., Weldon
Dr. Bobby C. Brown, Decatur, GA
Ms. Brenda B. Brown, Sanford
Mr. and Mrs. Carl B. Brown, Wilmington
*Dr. Charles W. Brown, Jesup, GA
Mrs. Chester Brown, Greensboro
Mr. and Mrs. Chester H. Brown, Jr, Greensboro
Mr. and Mrs. Harry W. Brown, Jr., Raleigh
Mr. and Mrs. Herman Brown, Jr., Greensboro
Mr. and Mrs. J. C. Hurley Brown, Troy
Mr. and Mrs. Michael C. Brown, Wilmington
Ms. Minnie M. Brown, Durham
Mr. O. E. Brown, Chapel Hill
Mr. and Mrs. P. L. Brown, Wilmington
*Dr. Paul E. Brown, Hickory
Mr. and Mrs. Philip S. Brown, Carthage
*Dr. Robert C. Brown, Chapel Hill
Dr. and Mrs. W. J. Brown, Jr., Cary
Mr. and Mrs. William C. Brown, Greensboro
Mrs. Catherine B. Browning, Charlotte
Broyhill Family Foundation, Inc., Lenoir
Mr. A. David Bruce, Jr., Scotland Neck
Mr. Joseph T. Brugnolotti, Chapel Hill
Dr. G. F. Brumback, Greensboro
Dr. H. David Bruton, Carthage, DSA '80
Ms. Mabel Wood Bruton, Troy
Mr. and Mrs. C. I. Bryan, Raleigh
Dr. and Mrs. Edwin L. Bryan, Greensboro
Mr. and Mrs. James Bryan, II, Chapel Hill
Dr. James Alexander Bryan, III, Chapel Hill
Mrs. Brenda P. Bryant, Raleigh
Mr. and Mrs. Donald G. Bryant, Charlotte
Mr. and Mrs. Douglas A. Bryant, Raleigh
*Mr. and Mrs. Harry M. Bryant, Sr., Gastonia
Mr. Hugh F. Bryant, Gastonia
Ms. Sarah B. Bryant, Charlotte
Mr. and Mrs. Thomas E. Brydon, Charlotte
Dr. Helen H. Bryngelson, Augusta, GA
Mr. Robert V. Buccini, Greensboro
Mr. G. R. Buchanan, Greensboro
Mrs. J. Lewis Buchanan, Broadway
Ms. Jane C. Buchanan, Greensboro
Mr. Jack Buckingham, Pittsboro
Mr. and Mrs. O. Carroll Buckner, Siler City
Ms. Teresa T. Buckner, Siler City
The Buffalo News, Buffalo, NY
Ms. Elizabeth Farrior Buford, Raleigh
Ms. Genevieve R. Buice, Charlotte
Ms. Mary Ann Buie, Troy
Dr. Stephen E. Buie, Asheville
Bullard Ins. and Realty Co., Belmont
Mr. and Mrs. Bishop B. Bullock, Jr., Troy
Mrs. D. W. Bumgardner, Jr., Belmont
Dr. and Mrs. John Bumgarner, Greensboro
Dr. Leslie A. Bunce, Rochester, NY
Dr. David G. Bunn, Whiteville
Ms. Maureen A. Burger, San Francisco, CA
Dr. George Burgess, III, Baton Rouge, LA
Ms. Jacquelyn Goodwin Burgess, Apex
Mr. and Mrs. Chester E. Burgher, Littleton
Ms. Margaret Burgwyn, Woodland
Mr. and Mrs. William C. Burkhardt, Raleigh
Dr. Brenton T. Burkholder, Asheville
Mr. Robert Norton Burleigh, Longwood, FL
Dr. W. Rowell Burleson, Lumberton
Mr. and Mrs. Westcott Burlingame, Jr., Aberdeen
Burn Center Staff, Chapel Hill
Dr. J. Andrew Burnam, Fort Myers, FL
Mr. A. Michael Burnett, Charlotte
Dr. Michael C. Burnette, Tampa, FL
Mrs. Susan S. Burnette, Raleigh
Ms. Vivian Burnette, Chapel Hill
*Mr. and Mrs. John W. Burress, III, Winston-Salem
Burroughs-Wellcome, Research Triangle Park
*Dr. Paul L. Burroughs, Jr., Raleigh
Mr and Mrs. Robert L. Burrows, Raleigh
Dr. James H. Burrus, Shelby
Dr. Harriet Bursztyn, Evanston, IL
Ms. Alberta T. Burton, Greensboro
Dr. H. David Burton, Carthage
Ms. Anne C. Burwell, Sanford
Dr. William J. Busby, Thomasville
Mr. and Mrs. Harry E. Bush, Jr., Charlotte
Mr. and Mrs. Alan C. Bushnell, Carrboro
Business Methods' Inc., Rochester, NY
Business Prod. Council Assoc., Skokie, IL
Business Telecom, Inc., Raleigh
Mrs. Lena White Butterworth, Charlotte
Dr. John D. Butts, Jr., Durham
Dr. Baxter H. Byerly, Tallahassee, FL
*Dr. and Mrs. W. Grimes Byerly, Jr., Hickory
Dr. John W. Byers, Green Cove Springs, FL
Mr. Larry D. Byers, New Orleans, LA
Mrs. Sara H. Byne, Charlotte
Mrs. Priscilla I. Bynum, Charlotte
Dr. R. William Bynum, IV, Rocky Mount
Mr. Jesse H. Byrd, Jr., Fayetteville
Mrs. Sadie Byrd, Sanford
Dr. and Mrs. Thomas H. Byrd, III, Cary
Ms. Ellen K. Byrum, Raleigh
Ms. Rikki Cain, Charlotte
Ms. Marlene S. Calderon, Virginia Beach, VA
Ms. Betty Caldwell, Chapel Hill
Dr. and Mrs. Jesse B. Caldwell, Jr., Gastonia, DSA '83
Mr. and Mrs. Robert H. Caldwell, Greensboro
Dr. Aubrey D. Calhoun, Mooresville
Ms. Sara L. Call, Raleigh
Ms. Diane Callicutt, Troy
*Mr. Richard Callicutt, High Point
*Mr. and Mrs. Bruce B. Cameron, Wilmington
Mr. and Mrs. C. C. Cameron, Charlotte
Dr. Harold H. Cameron, New Bern
Ms. Kathryn Safrit Cameron, Troy
Mr. and Mrs. Martin L. Camnitz, Kinston
Dr. Barbara J. Campbell, Somerset, PA
Mrs. Hugh B. Campbell, Charlotte
Col. and Mrs. Robert M. Campbell, Mt. Gilead
Mrs. Cynthia H. Canning, Raleigh
Ms. Susanna Cantor, Raleigh
Dr. Theo Cantwell, Chapel Hill
*Mr. and Mrs. A. Leon Capel, Jr., Troy
Mr. Aaron W. E. Capel, Troy
Mr. Aaron W. E. Capel, III, Pinehurst
Dr. Gail M. Capel, Schenectady, NY
Mr. Richard Capel, Troy
Capital Consortium, Inc., Raleigh
Dr. M. Paul Capp, Tucson, AZ
Dr. Julian H. Capps, II, Corpus Christi, TX
Ms. Mary M. Cardwell, Madison
Mr. James B. Carlisle, Tarboro
Mr. and Mrs. Joseph Carlo, Pittsboro
Mr. and Mrs. Carl I. Carlson, Jr., Greensboro
Mrs. Diane M. Carlson, Raleigh
Dr. and Mrs. Kenneth P. Carlson, Winston-Salem
Carlton's, Raleigh
Dr. I. Caro, Mercer Island, WA
Carolina Breast Cancer Ctr., Raleigh
Carolina Kiwanis District Foundation, Inc, Sanford
Carolina Physicians Health Plan, Raleigh
Carolina Power & Light, Raleigh
Carolina Power & Light, Southern Pines
Ms. Mary Carpenter, Troy
Mr. and Mrs. Hugh E. Carr, Sanford
Mrs. Willie A. Carr, Charlotte
Carrboro Lions Club, Inc., Carrboro
*Dr. Donald W. Carringer, Crossmore
Mrs. Elizabeth Carrington, Burlington
Mr. and Mrs. Gray Carrington, Charlotte
Mr. and Mrs. Martin Carstarphen, McAdenville
*The Carter Foundation, Greensboro
Mr. Charles W. Carter, Jr., Chapel Hill
Dr. Coleman De Lynne Carter, Charlotte
Mrs. Colquitt Carter, Atlanta, GA
Mr. and Mrs. J. Bynum Carter, Gastonia
Dr. Mary A. Carter, Chapel Hill
Mr. and Mrs. Philip B. Carter, Raleigh
Cary Jaycees, Cary
Cary Kiwanis Club, Cary
Cary Travel, Cary
Mr. and Mrs. Sam Casey, Blowing Rock
Dr. David W. Cash, Statesville
Mrs. F. A. Cash, Charlotte
Mr. and Mrs. James B. Cash, Wilson
Dr. L. Franklin Cashwell Jr., Greensboro
Ms. Lib Cates, Hillsborough
Ms. Maxine M. Cates, Chapel Hill
Mr. and Mrs. Fitz R. Caudle, Wrightsville Beach
Ms. Martha J. Causey, Charlotte
Mrs. DeEtte W. Cauthen, Kinston
*Mr. Wade Leonard Cavin, Durham
Mr. and Mrs. Sam Caviness, Mount Gilead
Cavins, Inc., Raleigh
Col and Mrs. Cecil Cayton, Washington
*CCB Foundation, Durham

CCB Operations Research, Durham
*Mr. and Mrs. George H. V. Cecil, Asheville
Dr. Robert C. Cefalo, Chapel Hill
*Central Carolina Bank and Trust Co., Durham
Mr. Chi-Bom Chae, Carrboro
Mr. and Mrs. John Chamberlain, Raleigh
Mrs. Mary G. Chamberlain, Charlotte
Mr. T. H. Chamberlin, Chapel Hill
*Dr. and Mrs. John R. Chambliss, Jr., Rocky Mount, DSA '69
Ms. Catherine P. Chandler, Chapel Hill
Mrs. Wayne A. Chandler, Saxapahaw
Mr. Jerjang Chang, Durham
Ms. Irene S. Chanter, Charlotte
Mrs. Anne M. Chaplin, Charlotte
Dr. Don C. Chaplin, Burlington
Mr. and Mrs. Bob Chapman, Charlotte
Dr. John F. Chapman, Chapel Hill
Ms. Mary Frances Chapman, Charlotte
Mr. and Mrs. Richard Chapman, Jr., Pinehurst
Mrs. Jeffrey M. Charles, Chapel Hill
Charlotte Fire Dept. Fund, Charlotte
Charlotte Jaycees, Charlotte
*Charlotte Memorial Hospital, Charlotte
Charlotte Pipe and Foundry Co., Charlotte
Ms. Lucy Chatham, State Road
Mr. and Mrs. Richard Chatham, Pinehurst
Ms. Karen Cheatum, Chapel Hill
*Dr. William S. Cheek, Spartanburg, SC
Chemical Bank, New York, NY
Chemical & Environmental Tech., Research Triangle Park
Mr. John Cherry, Jr., Jacksonville, FL
Mrs. William Cherry, Chapel Hill
Dr. Nancy C. Chescheir, Chapel Hill
Dr. Robert H. Chesky, Brighton, MI
Dr. Peter G. Chikes, Concord
*Dr. Jack Childers, Jr., Baltimore, MD
Dr. Geoffrey J. Childs, Tuckahoe, NY
Mrs. J. M. Childs, Jr., Raleigh
*Christian Dior, New York, NY
Christian Dior, Zieglerville, PA
Mr. David Christopher, Fletcher
Mr. and Mrs. John O. Christopher, Jr., Summerfield
Mr. John Trammell Church, Henderson
*Mrs. Harriet Chused, Kinston
Ciba-Geigy, Summit, NJ
Dr. David Citron, Charlotte, DSA '75
Mrs. James F. Clardy, Charlotte
*Mr. and Mrs. W. Arthur Clark, Durham
Ms. Betsye B. Clark, Pinehurst
Mrs. C. B. Clark, Jr., Williamston
The Hon. and Mrs. Edward Clark, Elizabethtown
Dr. Franklin S. Clark, III., Fayetteville
Ms. Harriette L. Clark, Wilson
*Dr. Henry T. Clark, Jr., Chapel Hill
Mr. and Mrs. J. T. Clark, Jr., Greenville
Mr. and Mrs. James W. Clark, Vaughn
Dr. and Mrs. Lee A. Clark, Jr., Wilson
Dr. Richard L. Clark, Chapel Hill
Mr. and Mrs. Richard S. Clark, Troy
Mr. and Mrs. C. Lee Clarke, Goldsboro
Dr. and Mrs. Charles Lee Clarke, Las Vegas, NM
Mr. and Mrs. Nathan C. Clarke, Martinsville, VA
Dr. Valarie C. Clayborn, Chapel Hill
Ms. Carolyn E. Claydon, Raleigh
Dr. Melvin L. Clayton, Ahoskie
Mr. and Mrs. James Clement, Jr., Greenville
Mr. and Mrs. Marshall Clements, Durham
Clemmons Jaycees, Clemmons
Dr. David R. Clemmons, Chapel Hill
Cleveland Volunteer Fire Dept., Shelby
Dr. Robert S. Cline, Sanford
Mr. David M. Clodfelter, Durham
Dr. Luther H. Clontz, Morganton
CLU & Associates, Inc., Durham
Dr. G. Robert Clutts, Greensboro
Mr. and Mrs. Al Coble, Greensboro
Mr. and Mrs. Howard Coble, High Point
Mr. and Mrs. James O. Cobb, Charlotte
Mr. and Mrs. Hilton J. Cochran, Troy
Mr. and Mrs. H. D. Cochrane, Jr., Greensboro
Mr. Richard F. Cody, Frederick, MD
Mrs. Mary M. Coffield, Charlotte
Mr. and Mrs. Peter Coggeshall, Hartsville, SC
Mr. Donald G. Coggins, Sr., Troy
Coharie Mill and Supply Co., Inc., Clinton
Dr. Brian J. Cohen, Cambridge, MA
Mr. and Mrs. Jerome Cohen, Kansas City, MO
*Mr. and Mrs. L. I. Cohen, Sanford
Ms. Leslie C. Cohen, Chapel Hill
Mr. and Mrs. Norman Cohen, Charlotte
*Dr. Charles F. Colby, Greenwood, SC
Dr. George W. Colclough, Lexington, KY
Mrs. Robert L. Cole, Pinehurst
Mr. Clarence C. Coleman, Jr., Raleigh
Dr. Philip D. Coleman, Washington
Dr. Philip Divoll Coleman, Jr., Washington
Dr. Elwood B. Coley, Lumberton
Dr. Romulo E. Colindres, Chapel Hill
Dr. and Mrs. T. H. Collawn, Charlotte
Dr. James R. Collett, Morganton
The Honorable and Mrs. R. Collier, Jr., Statesville
Ms. Catherine C. Collins, Charlotte
Ms. Myra L. Collins, Pittsboro
Mr. and Mrs. William Collins, Jr., Charlotte
Columbia Gastroenterology Clinic, P.A., Columbia, SC
The Columns, Cary
Mr. and Mrs. Bryan Combs, Jr., Brevard
Ms. Laurey D. Comeau, Chapel Hill
Ms. Eleanor K. Comer, Gastonia
Ms. Martha L. Comer, Seagrove
Commercial Carving Company, Thomasville
Commercial Printing Co., Raleigh
Concord Fire Department, Concord
Concord Jaycees, Concord
Mr. and Mrs. Alan W. Cone, Greensboro
Ms. Anne W. Cone, Greensboro
Mr. and Mrs. Herman Cone, Jr., Greensboro
*Mr. and Mrs. Howard B. Cone, Richmond, VA
Ms. Martha A. Cone, Greensboro
Mr. and Mrs. Sydney Cone, Jr., Greensboro
Mr. J. B. Congleton, Stokes
Mr. John R. Conklin, Haw River
Ms. Elizabeth D. Conley, Chapel Hill
Mr. and Mrs. Hall Conley, Marietta, GA
*Mr. Earl B. Connell, Ontario, Canada
Dr. John A. Connell, Gainesville, GA
Mr. and Mrs. Danny L. Conner, Wilmington
Mr. and Mrs. Frank H. Conner, Charlotte
Mrs. Nancy B. Conner, Charlotte
Ms. Marian S. Connor, Gastonia
Ms. Linda Convissor, Durham
Dr. James H. Cook, Asheville
Dr. W. Andrew Cook, Houston, TX
Dr. William E. Cook, Fayetteville
Mr. and Mrs. Michael R. Cooke, Troy
Ms. Catherine L. Cooper, Chapel Hill
Dr. and Mrs. E. B. Cooper, Kinston
Mrs. Inez Cooper, Nashville
Ms. Trella S. Cooper, Durham
Mrs. William Cooper, Charlotte
Ms. Jennifer Copeland, Carrboro
Mr. and Mrs. John R. Copeland, Houston, TX
Ms. Dorothy Coplon, Charlotte
Mrs. William F. Coppage, Williamston
Mr. and Mrs. William Corbitt, Greenville
Dr. J. Hicks Corey, Jr., Chattanooga, TN
Dr. William P. Cornell, Phoenix, AZ
*Mr. and Mrs. William N. Corpening, Granite Falls
*Mr. O. A. Corriher, Landis
Ms. Sheila Cory, Chapel Hill
Dr. Alfred N. Costner, Johnson City, TN
Mr. and Mrs. Ben M. Coston, Greensboro
Dr. Linda Cotter, Rohnert Park, CA
Ms. Helen B. Couch, Charlotte
Dr. Paul W. Fitzhen Coughlin, High Point
Ms. Frances Council, Chapel Hill
Mr. and Mrs. H. A. Councilor, Pittsboro
The Country Club of NC, Pinehurst
Ms. Janet P. Coup, Knightdale
Dr. Andrew J. Courts, Greensboro
Coville, Inc., Winston-Salem
Mr. and Mrs. Harriss Covington, High Point
Mrs. J. Phillip Covington, Greensboro
Dr. Leon K. Cowan, Wilson
Dr. Robert J. Cowan, Winston-Salem
The Honorable and Mrs. A. Cowper, Kinston
Ms. Betty Cox, Sanford
Mr. and Mrs. David C. Cox, Raleigh
Ms. Emily S. Cox, Charlotte
Dr. George E. Cox, Skillman, NJ
Mr. Robert V. Cox, Charlotte
Ms. Zel G. Cox, Wilson
Mrs. Alex B. Coxe, Jr., Chapel Hill
Dr. James S. Coxe, III, Raleigh
Mr. and Mrs. Thomas C. Coxe, III, Darlington, SC
Mr. and Mrs. Thomas A. Cozart, Wilson
Dr. Joseph E. Craft, Guilford, CT
Mrs. Jane S. Craig, Charlotte
Mr. and Mrs. Locke Craig, Pinehurst
Dr. and Mrs. William H. Craig, Wilmington
Ms. Hazel Craige, Chapel Hill
Ms. Virginia F. Cranford, Troy
Mrs. Bascom J. Craven, Greensboro
Ms. Joan G. Craven, Greensboro
Mrs. Mary H. Craven, Greensboro
Mr. and Mrs. Murray B. Craven, Jr., Charlotte
Mrs. Adelaide Austell Craver, Shelby
Mrs. Gladys M. Crawford, Reidsville
Mr. and Mrs. J. Otis Crawford, Greensboro
Mr. and Mrs. Jerry M. Crawford, Hazelwood
Dr. John Robert Crawford, III, Salisbury
CRC Press, Inc., Boca Raton, FL
Crede Et Vincent Jaycees, Lillington
Mr. J. Y. Creech, Raleigh
Mr. and Mrs. Gary O. Crenshaw, Wilmington
Mr. Miles A. Crenshaw, Hillsborough
*Dr. H. Denniston Crews, Asheville
Ms. Barbara Hudson Cromack, Chapel Hill
Dr. William J. Cromartie, Chapel Hill, DSA '89
*Dr. Robert D. Croom, III, Chapel Hill
Mr. W. D. Croom, Durham
Dr. David B. Crosland, Concord
Mrs. Lillian Crosland, Wilson
Mrs. Parker S. Crosland, Charlotte
Mr. and Mrs. John H. A. Cross, Chapel Hill
Dr. and Mrs. Robert E. Cross, Durham
Ms. Myra B. Crouch, Troy
Dr. Thomas W. Crowell, Bellingham, WA
Mr. W. Mark Crowell, Chapel Hill
Mr. and Mrs. Harry Crowther, Carlisle, MA
Mr. and Mrs. Slade Crumpton, Durham
Mr. and Mrs. Charles Crutchfield, Charlotte
Dr. William M. Crutchfield, Elizabeth City
CTT, Tarboro
*The Culbertson Foundation, Charlotte
Mrs. Fern C. Culbreth, Charlotte
Mr. and Mrs. R. G. Culp, Jr., High Point
Mr. Levin B. Culpepper, Elizabeth City
Mr. and Mrs. Chas. Cunningham, Jr., Greensboro
Mr. John A. Cunningham, Charlotte, DSA '83
Dr. and Mrs. Charles E. Cummings, Asheville
Mr. Doyle M. Cummings, Greenville
Ms. Kate C. Cummings, Raleigh
Dr. and Mrs. William A. Current, Gastonia
Mr. and Mrs. G. H. Currie, Jr., Wilmington
Mr. Peter Curtis, Chapel Hill
Mrs. Danford Cutchin, Whitakers
*Dr. Lawrence M. Cutchin, Tarboro, DSA '90
Ms. Loraine J. Cuthbertson, Roanoke, VA
Dr. William V. Cuthrell, Madison Heights, VA
Mrs. Carol Biggers Dabbs, Charlotte
Dr. Laura J. D'Angelo, Nashville, TN
*Dr. Lawrence Dahners, Chapel Hill
Dr. Grover C. Dale, Lancaster, PA

Mr. and Mrs. Frederic Dalldorf, Chapel Hill
Ms. Antoinette Dalton, Troy, MI
Mr. and Mrs. Charles Dalton, Charlotte
Mr. and Mrs. Harry L. Dalton, Charlotte
Dr. John W. Dalton, Jr., Santa Monica, CA
Mr. P. Hunter Dalton, High Point
Mr. and Mrs. Parks Dalton, Jr., Charlotte
Mr. and Mrs. R. Dalton, Jr., Charlotte
Ms. Susanna C. Dalton, Charlotte
Mr. and Mrs. H. G. Dameron, Tabor City
Dr. and Mrs. Thomas B. Dameron, Jr., Raleigh, DSA '84
Mr. John Danford, Durham
Mr. J. Howard Daniel, Warrenton
Mr. Walter E. Daniel, Raleigh
Dr. and Mrs. J. Earl Danieley, Elon College
Mr. Eugene O. Daniels, Charlotte
Mr. and Mrs. Merrill Daniels, Washington
Dr. and Mrs. Bruce Vaiden Darden, II, Charlotte
Mr. and Mrs. Thomas Darden, II, Raleigh
Ms. Dana V. Darien, Carrboro
Dr. Allen J. Daugird, Columbia, MO
Mr. and Mrs. B. T. Davenport, Morehead City
Ms. Dona Lee Davenport, Charlotte
Mr. and Mrs. John Davenport, Nashville
Dr. Edward W. Davidian, Chapel Hill
Dr. and Mrs. V. A. Davidian, Jr., Raleigh
Dr. Alan Davidson, III, Longmeadow, MA
Dr. Andrew Davidson, New Bern
Mr. and Mrs. Don Davidson, Jr., Charlotte
Ms. J. H. Davidson, Durham
Mr. and Mrs. Park R. Davidson, Greensboro
Mrs. Agnes H. Davis, Belmont
Dr. D. Whitaker Davis, Wadesboro
Dr. David A. Davis, Springfield, TN, DSA '80
Dr. Deborah H. Davis Davis, Auburn, VA
Ms. Debra K. Davis, Winston-Salem
Major and Mrs. Donald S. Davis, Erwin
*Mr. E. Lawrence Davis, III, Raleigh
Mr. and Mrs. Gordon H. Davis, Chapel Hill
*Dr. James E. Davis, Durham, DSA '68
Dr. John L. Davis, III., Atlanta, GA
Dr. John W. Davis Sr., Hickory
Mr. and Mrs. Luther J. Davis, Jr., Washington
Ms. Melinda C. Davis, Williston
Dr. N. Parke Davis II, Wilson
Mr. R. P. Stephen Davis, Charlotte
*Dr. Robert N. Davis, Greensboro
Ms. Sandra P. Davis, Charlotte
Ms. Suzanne Davis, Chapel Hill
*Mr. T. H. Davis, Winston-Salem
Mr. and Mrs. Walter Davis, Kitty Hawk
Dr. and Mrs. William G. Davis, Chapel Hill
Mr. and Mrs. Bragg Dawson, Jr., Washington
Mr. and Mrs. Douglas C. and Dr. Barbara D. Day, Chapel Hill
Mr. and Mrs. Stephen W. Day, Elizabeth City
Ms. Carol Deacon, Rock Hill, SC
Dr. and Mrs. N. De Stefano, Reidsville
*Mrs. D. Vernon Deal, North Wilkesboro
Dr. Stephen E Deal, Richmond, VA
Mr. and Mrs. Tenney 1. Deane, Jr., Raleigh
Mr. and Mrs. J. Q. Deaton, Troy
*Dr. Philip Carl Deaton, Greensboro
*Mr. and Mrs. Arthur St Clair DeBerry, Durham
Mrs. Jo Deckelbaum, Raleigh
Ms. Ramona L. Deener, Raleigh
Ms. Frances R. DeHart, Chapel Hill
Mr. C. J. Deitz, Belmont
Dr. David M. Deitz, Olympia, WA
Mr. and Mrs. Paul Delacourt, Raleigh
Dr. Robert C. Dellinger, Columbia, SC
Dr. Douglas M. DeLong, Ladysmith, WI
Mrs. Roberta Sterling Demme, Wilmington
Dr. and Mrs. Floyd W. Denny, Chapel Hill
Ms. Georgette A. Dent, Carrboro
Mrs. Liane H. DesRoches, Columbia, MD
Dr. and Mrs. Donald G. Detweiler, Raleigh
Mrs. Rita C. Dewey, Tarboro
Mrs. Frances F. Dewitt, Charlotte
Mr. Kinsley Van R. Dey, Jr., Chapel Hill
Dr. and Mrs. John W. Deyton, Jr., Jacksonville
*Dr. Walter E. Deyton, Danville, VA
Mr. and Mrs. Howard Diamond, Chapel Hill
Mr. and Mrs. Douglas S. Dibbert, Chapel Hill
Dr. Alexander C. Dick, Chestertown, MD
Dr. Phillip Sheridan Dickey, Branford, CT
Mr. Louis Dickerson, Raleigh
Mr. and Mrs. John Dickinson, Raleigh
The Dickson Foundation, Charlotte
Mr. and Mrs. Brady W. Dickson, Mount Gilead
Mr. David M. Dickson, Durham
Dr. and Mrs. Griggs C. Dickson, Charlotte
Dr. George T. DiFerninando, Jr., Albany, NY
Mr. and Mrs. John W. Diffendal, High Point
Mr. and Mrs. Starke Dillard, Raleigh
*Dr. James R. Dineen, Wilmington
Dr. Steven Andrew Dingeldein, Burlington
Mr. and Mrs. James M. Dixon, Browns Summit
Ms. Marguerite J. Dixon, Morehead City
Mr. and Mrs. Hoyt B. Doak, III, Chapel Hill
Dr. Susan F. Dodson, Butner
Mr. and Mrs. Ron E. Doggett, Raleigh
*Ruth W. Dolen Foundation, Providence, RI
Ms. Anna Donegan, Durham
Ms. Caroline Donnan, Chapel Hill
Mr. Grant L. Donnelly, Salisbury
R. T. Dooley Construction Co., Inc., Charlotte
Dr. F. Andrew Dorr, Columbia, MD
Mrs. Alice H. Dorsett, Charlotte
Mrs. Mabel J. Dorsey, Raleigh
Mr. and Mrs. Sibley Dorton, Jr., Chapel Hill
Dr. Elizabeth J. Dotterer, Sanford
Dover Foundation, Inc., Shelby
Mr. O.E. Dowd, Sr., Greenville
Mrs. Roddey Dowd, Sr., Charlotte
Mr. David Dowdy, Jr., High Point
Mr. and Mrs. Fred D. Dowdy, Jr., Durham
Mr. Henry Dowdy, High Point
Mrs. Tildon Downing, Fayetteville
Mr. and Mrs. William Wayne Downs, Charlotte
Mr. and Mrs. James Dowtin, Jr., Reidsville
Ms. Byah Doxey, Spartanburg, SC, DSA '86
*Mr. and Mrs. Sanford Doxey, Jr., Wrightsville Beach, DSA '86
Ms. Elizabeth Comer Dozier, Troy
Mr. R. W. Dozier, Troy
Dracor, Inc., Durham
Dr. Amelia F. Drake, Chapel Hill
*Mr. Ralph L. Drake, Charlotte
Ms. Isabel K. Draper, Charlotte
Mr. and Mrs. William Draper, Charlotte
*Drexel Heritage Furnishings, Drexel
Mr. and Mrs. Richard Driscoll, Raleigh
Mr. and Mrs. Kenneth Driver, Wendell
Dr. William Drogemueller, Chapel Hill
Drug-Free Youth, Inc., Gastonia
*E. I. Du Pont de Nemours & Company, Kinston
E. I. Du Pont de Nemours & Company, Charlotte
*E. I. du Pont de Nemours & Company, Wilmington, DE
Mrs. Katherine M. DuBose, Charlotte
Ms. Virginia J. Dudenhausen, Pittsboro
Dr. Allison J. Dudley, Charlotte
Mr. and Mrs. J. MacN. Duff, Elizabeth City
Mr. and Mrs. James Duggins, Jr., Greensboro
Duke Power Company, Charlotte
Mr. and Mrs. J. D. Dulaney, Charlotte
Mr. and Mrs. Thomas L. Dulin, Charlotte
Mrs. H. Y. Dunaway, Jr., Charlotte
Ms. Brenda K. Duncan, Pleasant Garden
Mr. and Mrs. Grady S. Duncan, Belmont
Mr. and Mrs. J. Crudup Duncan, Chapel Hill
Mrs. Julius A. Duncan, Charlotte
Dr. Presley Z. Dunn, Jr., New Bern
Mr. and Mrs. Harold Dunnagan, Charlotte
Durham Bulls Baseball Club, Inc., Durham
Durham County Hospital Corporation, Durham
Durham Jaycees, Durham
Mr. Lee M. Durst, Durham
Mr. Frank A. Dusch, Jr. Concord
Dr. Robert V. Dutton, Houston, TX
Dr. Meyer E. Dworsky, Birmingham, AL
Ms. Doris S. Dykes, Pinehurst
*Eagle Claw Jaycees, Lumberton
Dr. Elizabeth A. Eagle, Greensboro
Mr. and Mrs. M. L. Eakes, Greensboro
Dr. H. Alexander Easley, III, Greenville
Dr. Ernest B. Eason, Burlington
Mr. and Mrs. J. K. Eason, Sanford
East Bay Trading Co., Charleston, SC
East Carolina University, Greenville
Mr. Don Easterling, Raleigh
Dr. and Mrs. William E. Easterling, Jr., Chapel Hill
Dr. Lisle A. Eaton, Jr., Chapel Hill
Edenton Jaycees, Edenton
*Dr. Charles F. Eddinger, Spencer
Mr. and Mrs. Marshall Edgell, Hillsborough
Mr. and Mrs. Michael K. Edith, China Grove
Dr. Patricia T. Edkins, Chapel Hill
Mr. and Mrs. Campbell Edmonds, Wilson
Dr. Allen R. Edwards, Statesville
*Dr. Charles H. Edwards, II, Charlotte
Mr. and Mrs. Cliff H. Edwards, Greenville
Dr. George S. Edwards, Jr., Raleigh
Dr. James R. Edwards, Raleigh
Mr. and Mrs. John A. Edwards, Greensboro
Mrs. Louise McC. Edwards, High Point
Mrs. Lynn H. Edwards, Raleigh
Dr. Mary H. Edwards, Pittsburgh, PA
*Mr. and Mrs. Tom Efird, Gastonia
Mrs. Doris 1. Egerton, Greensboro
Ms. Susan Ehringhaus, Chapel Hill
Mr. and Mrs. Robert B. Ehrlich, Greensboro
*Mrs. Dorothy Einstein, Cary
Mrs. Lou Elden, New Bern
Dr. Charles P. Eldridge, Jr., Houston, TX
Eli Lilly and Company, Indianapolis, IN
Elizabeth City Jaycees, Elizabeth City
Elkin Jaycees, Elkin
Mr. and Mrs. James Elkins, Durham
Mr. and Mrs. Michael D. Elkins, Troy
Dr. Martha L. Elks, Lubbock, TX
Dr. Anzi J. Ellington, Jr., Burlington
Dr. Stewart L. Ellington, Salt Lake City, UT
Mrs. Caroline M. Elliot, Charlotte
Dr. B. Thomas Ellis, Shelby
Dr. Clarence O'Neil Ellis, Charlotte
Dr. and Mrs. Dennis W. Ellis, Chapel Hill
Dr. Fred W. Ellis, Chapel Hill, DSA '86
Mr. John E. Ellis, Troy
Mr. and Mrs. T. Ellis, III, Greenville
*Mr. John G. B. Ellison, Greensboro
Ms. Virginia Smith Ellison, Charlotte
Mr. and Mrs. Bruce A. Elmore, Asheville
*Mr. and Mrs. William E. Elmore, Greensboro
Dr. Inez W. Elrod, Huntersville
Dr. Robert W. Elwell, Ocean City, NJ
Dr. Stephen H. Embury, San Francisco, CA
Ms. Katherine H. Engler, Pittsboro
Ms. Kay C. English, High Point
Enka-Candler Jaycees, Candler
Dr. George E. Ennis, Hickory
Mr. and Mrs. Roland T. Ennis, Monroe
*Mr. John W. C. Entwistle, Jr., Charlotte
Epley Associates, Raleigh
Ms. Elise A. Epner, Cary
Mr. F. E. Epps, Jr., Raleigh
*Mr. and Mrs. George Erath, High Point
*Ernst & Young, Raleigh
Mrs. Jacqueline A. Errington, Matthews
Mr. and Mrs. Mort Ershler, Greensboro
*Mr. Carl Ervin Estate of, Harrisburg, PA
Mrs. Joan P. Erwin, Charlotte
Dr. Leo Esbin, Wantagh LI, NY
Mr. Keith Eschenbaum, Louisville, CO

Mr. and Mrs. J. L. Eskridge, Greensboro
Ms. Mary K. Eubank, Richmond, VA
Ms. Alice F. Eure, Raleigh
Dr. and Mrs. C. Allan Eure, Raleigh
Mr. and Mrs. Brink Evans, New Bern
Dr. David A. Evans, Monroe
Mr. and Mrs. Charles D. Evans, Nags Head
Mr. and Mrs. G. Marlin Evans, Greensboro
Mr.and Mrs. James A. Evans, Mt. Gilead
*Dr. John T. Evans, Chattanooga, TN
Dr. and Mrs. W. N. Evans, II, Cary
*Dr. Catherine J. Everett, New Bern
Mrs. Katherine R. Everett, Durham
Mrs. Willie B. Everett, Robersonville
Evergreen Memorial Gardens, Inc., Wilson
Ms. Julia K. Ewing, Troy
*Ms. Mary Whiting Ewing, Chapel Hill
Mrs. Mildred S. Ewing, Greensboro
*Mrs. Oscar R. Ewing, Chapel Hill
Factory Mutual Engineering Association, Charlotte
Ms. Eileen M. Faehner, Raleigh
Mr. and Mrs. William S. Fagg, High Point
Mrs. Nancy B. Faircloth, Raleigh
Mr. and Mrs. Cameron Faison Jr., Charlotte
Mr. and Mrs. Henry J. Faison, Charlotte
*Dr. and Mrs. David M. Fajgenbaum, Raleigh
Ms. Peggy B. Falace, Lexington, KY
Ms. Jean B. Falk, Raleigh
Mr. and Mrs. Bruce T. Falls, Pinehurst
Ms. Billie Farley, Raleigh,
*Dr. Robert A. Farmer, Vacaville, CA
Ms. Helen S. Farrar, Greensboro
Dr. Harry L. Farrell, Philadelphia, PA
Mrs. W. I. Farrell, Troy
Dr. John K. Farrington, High Point
Mr. R. A. Farris Jr., Wilson
Dr. R. Kent Farris, Knoxville, TN
Mr. Michael Faurest, Louisville, KY
Mrs. Elizabeth M. Fawcett, Mount Airy
Dr. Nancy P. Fawcett, West Hollywood, FL
Fayetteville Jaycees, Fayetteville
Mr. and Mrs. Keith Fearing, Jr., Manteo
Ms. Mabel Fearrington, Chapel Hill
Mr. and Mrs. Marshall M. Feaster, Jr., Lake Toxaway
Federal Paper Board Company, Inc., Riegelwood
Dr. Robert B. Felder, Iowa City, IA
Ms. Yvonne Fenner, Durham
Ms. Angela Ferebee, Chapel Hill
Mr. Chris Ferebee, Charlotte
*Mr. and Mrs. Howard Q. Ferguson, Randleman
Dr. Margorie LaFleur Fernald, Chapel Hill
Dr. Eugene B. Ferris, Honolulu, HI
Ms. Annabelle L. Fetterman, Clinton
Mr. and Mrs. W. Thomas Fickling, Cary
Mr. and Mrs. Albert B. Fillman, San Jose, CA
Ms. Sharon Finch, Chapel Hill
Dr. Robert C. Fincher, High Point
Mr. Gary L. Fink, Faith
Mr. and Mrs. Sam Fink, Durham
Dr. Eli D. Finkelstein, Cranford, NJ
Dr. Seth Finn, Chapel Hill
*Firefighter's Burned Children Fund, Charlotte
First Citizens Bank & Trust, Southern Pines
*First Union Foundation, Charlotte
*First Wachovia Trust Services, Inc., Winston-Salem
Dr. Gary J. Fischer, Greensboro
Mr. Michael B. Fischer, Glastonbury, CT
Dr. Newton D. Fischer, Chapel Hill
Ms. Carole S. Fisher, Raleigh
Mr. and Mrs. Edgar Fisher, Jr., Greensboro
Mr. and Mrs. Harry E. Fisher, Troy
Mr. and Mrs. Paul Mark Fisher, Chapel Hill
Ms. Rebecca A. Fisher, Raleigh
Ms. Shirley M. Fisher, Raleigh
Mr. and Mrs. Miles M. Fitch, Sr., Chapel Hill
*Mr. and Mrs. R. B. Fitch, Pittsboro
Dr. Ellen B. Fitzgerald, Tulsa, OK
Dr. Robert G. Fitzgerald, Jr., Roxboro
Ms. Terry Flanagan, Raleigh
Dr. C. Richard Fleming, Jacksonville, FL
*Mr. John D. Fleming, Smithfield
Ms. Jo Flinchum, Kernersville
Mr. Roy Flood, Jr., Chapel Hill
Mr. and Mrs. J. W. Flora, Greensboro
Florida Rock Industries, Inc., Jacksonville, FL
Mr. and Mrs. Alexander Floyd, Raleigh
Mr. and Mrs.C. E. Fogleman, Liberty
Ms. Alice A. Folger, Charlotte
Dr. and Mrs. Paige B. Follo, Greensboro
Dr. Frank Burkett Fondren, III, Mobile, AL
Ms. Margaret C. Fonville, Durham
Mrs. Wortley H. Forbes, Wilson
Mr. and Mrs. Aubrey Ford, Jr., Sanford
Mr. and Mrs. J. Paul Ford, Belmont
Dr. and Mrs. Christopher C. Fordham, III, Chapel Hill
Mr. J. Rodney Foreman, Elizabeth City
Mr. Robert E. Foreman, Elizabeth City
Forest Hills Baptist Church, Raleigh
Mr. Donald T. Forman, Chapel Hill
*Mrs. Henry A. Foscue, High Point
*Mr. and James E. Foscue, High Point
Mrs. John N. Foster, Jr., High Point
Ms. Marea Kafer Foster, New Bern
Ms. Jane L. Fouraker, Wrightsville Beach
Mr. John Foust, Raleigh
*Dr. John W. Foust, Charlotte, DSA '88
Dr. Charles W. Fowler, III., Orlando, FL
Dr. and Mrs. Wesley Fowler, Jr., Chapel Hill
*Dr. and Mrs. J. Thomas Fox, Jr., Charlotte
Dr. John B. Fox, Paradise Valley, AZ
Mr. Landon L. Fox, Charlotte
Dr. Mary Alice V. Fox, Bethesda, MD
*Dr. and Mrs. Richard Franklin Fox, Greensboro
Mr. Stanley Fox, Oxford
Mr. and Mrs. Thomas A. Foxx, Banner Elk
Dr. Jane M. Foy, Oak Ridge
Dr. James T. Frakes, Rockford, IL
Mr. and Mrs. Charles M. Frank, Asheville
Mrs. Dorothy G. Frank, Greensboro
Mr. and Mrs. William A. Frank, Greensboro
Mr. and Mrs. William Franke, Jr., Augusta, GA
Franklin Street Bar & Grill, Inc., Chapel Hill
Mr. and Mrs. B. H. Franklin, Jr., Myrtle Beach, SC
Ms. Mary A. Franklin, Troy
Ms. Isabelle A. Franz, Pittsboro
Mr. and Mrs. John Fraser, Hilton Head Island, SC
Dr. Thomas S. Frazer, Wilkesboro
Mr. and Mrs. E. Bryant Frech, Charlotte
Dr. James L. Freddo, San Diego, CA
Ms. Agnes C. Fredrickson, Winston-Salem
Mrs. Barbara C. Freedman, Raleigh
Dr. Barry J. Freeman, Los Angeles, CA
Mrs. Gwenn Freeman, Rocky Mount
Mrs. Pamela J. Freeman, Charlotte
Dr. Richard M. Freeman, Opelika, AL
Mr. and Mrs. William H. Freeman, Winston-Salem
Mr. and Mrs. Baxter P. Freeze, High Point
Mr. James W. Fresh, Green Cove Springs, FL
Dr. Donna E. Frick, Chapel Hill
The Hon. and Mrs. John R. Friday, Lincolnton
Mr. Stephen L. Friedland, Poughkeepsie, NY
Dr. Ira R. Friedlander, Chicago, IL
Mr. Frederick Frizzelle, Chapel Hill
Mr.and Mrs. Robert Froeber, Winston-Salem
Mr. and Mrs. Jacob Froelich, Jr., High Point
Mrs. Jacob H. Froelich, Sr., High Point
Mr. Barry G. Frucht, Charlotte
Dr. Charles B. Fulghum, Jr., Atlanta, GA
Ms. Elizabeth P. Fuller, New Bern
Mr. and Mrs. Erwin Fuller, Jr., Greensboro
Mrs. H. Fleming Fuller, Kinston
Mr. and Mrs. Russell Fuller, Troy
The Fullerton Foundation, Inc., Gaffney, SC
Mr. and Mrs. Groome Fulton, Jr., High Point
Dr. Thomas E. Funcik, Isle of the Palms, SC
Ms. Brenda B. Furniss, Raleigh
Dr. William A. Futch, Conyers, GA
Mr. and Mrs. J. R. Futrell, Jr., Rocky Mount
Dr. Thomas E. Funcik, Sullivan's Island, SC
G & F. Armour Foundation, Norfolk, VA
Ms. Diane C. Gabriel, Chapel Hill
Dr. Don A. Gabriel, Chapel Hill
Mr. and Mrs. Charles W. Gaddy, Raleigh
Mr. and Mrs. James J. Gallagher, Chapel Hill
*Dr. Kathleen Gallagher, Charlotte
Ms. Marian J. Galleridi, Raleigh
Mr. Alex Galloway, Jr., Winston-Salem
Dr. William H. Gamble, Greensboro
Mrs. Sara Belk Gambrell, Charlotte
Mrs. Jill S. Gammon, Raleigh
Dr. W. Ray Gammon, Chapel Hill
Dr. and Mrs. Ronald Garber, Greensboro
Dr. John W. Garden, Lexington, KY
Mr. and Mrs. Thomas P. Garden, Asheville
Miss Hazel Gardin, Asheville
Gardner Design Services, High Point
Dr. F. Sidney Gardner, Jr., Fayetteville
Mr. and Mrs. George Gardner, Washington
Mr. and Mrs. George Garey, Jr., Greensboro
Mr. and Mrs. Joseph M. Garfunkel, Chapel Hill
*Mr. and Mrs. James B. Garland, Gastonia
Mr. and Mrs. Gardiner Garrard, Columbus, GA
Mr. and Mrs. John W. Garrett, III, Reidsville
Dr. R. Donald Garrison, Jacksonville, FL
*Mr. M. Lee Garrison, Charlotte
Dr. Michael S. Garrison, Lexington
Dr. Ralph B. Garrison, Hamlet
Ms. Dorothy B. Garriss, Troy
Mr. and Mrs. John Garrou, Winston-Salem
Mrs. Marcia M. Garside, Raleigh
Mr. and Mrs. William E. Garwood, Haddonfield, NJ
Mr. Edwin F. Gary, Pinehurst
Mr. and Mrs. Milton J. Gaskill, Raleigh
Dr. and Mrs. Reed Gaskin, Charlotte
Gaston Anesthesia Associates, P.A., Gastonia
*Gaston County Cancer Society, Gastonia
Gastroenterology Group of the Palm Beaches, West Palm Beach, FL
Mr. S. Paige Gatlin, Garner
Mrs. Alicia M. Gaul, Charlotte
Mr. and Mrs. Gayle H. Gay, Middlesex
Dr. and Mrs. Robert Gay, Greensboro
Ms. Bonnie Webb Gaylord, Raleigh
Mr. and Mrs. Louis Gaylord, Greenville
Mr. and Mrs. R. W. Gaylord, Greenville
Dr. Kenneth B Geddie, High Point, DSA '73
Gentlemen's Corner, Inc., Pinehurst
Mr. and Mrs. Charles F. George, Greensboro
Dr. Dieter Geratz, Chapel Hill
Ms. Marguerite E. Gerber, Chapel Hill
Gerdes, Mason, Wilson, Tolbert & Simpson, Charlotte
Dr. Joseph J. Gerdes, Charlotte
Dr. Patricia H. Gerr, Dallas, TX
Mr. Timothy R. Gerrity, RTP
Mr. and Mrs. John Getz, Whitehall, MI
Mrs. Betsy C. Gholson, Henderson
Ms. Lisa Gholston, Chapel Hill
Mr. Robert L. Gibbon, Charlotte
Mr. David Gibson, Greensboro
Mr. Pryor Gibson, Wadesboro
Dr. William S. Gibson, Jr., Riverside, PA
Mr. and Mrs. William C. Giddings, Greensboro
Mr. Federico G. Gil, Chapel Hill
Dr. Charles F. Gilbert, Greenville
*Mr. Marshall B. Gilchrist, Charlotte
Mrs. Peter Spence Gilchrist, Charlotte
Ms. Bryna Gilgor, Chapel Hill
Ms. Joan Gilgor, Chapel Hill
Mr. and Mrs. Richard Gillespie, Mattews
Dr. Charles F. Gilliam, Thomasville
Mr. and Mrs. Sterling Gilliam, Oak Harbor, WA
Mr. Thomas Gilliam, III, Windsor
Dr. Peter H. Gilligan, Chapel Hill

Mr. and Mrs. Stanley Gillikin, Fayettville
Mr. David B. Gillis, Lafayette, CA
Mr. Fred Gilman, Raleigh
Gilmer-Smith Foundation, Mount Airy
Dr. Voit Gilmore, Pinehurst
Dr. and Mrs. John W. Girard, Jr., Hendersonville
Mr. and Mrs. William G. Girtman, Chapel Hill
Ms. Angielene M. Glascock, Greensboro
Mr. and Mrs. Thomas Glascock, III, Greensboro
Mr. and Mrs. Samuel W. Glass, Greensboro
Glaxo, Inc., Research Triangle Park
*GLC, Inc., Raleigh
Mr. and Mrs. Anthony S. Glenn, Charlotte
*Dr. J. Eugene Glenn, Jacksonville, FL
*Mrs. Louise Galloway Glenn, Winston-Salem
Ms. Mary E. Glenn, Troy
Global Licensing Company, New York, NY
Mrs. Julia J. Gloster, Charlotte
Ms. Annie C. Glover, Dunn
Mr. and Mrs. Edward Glover, Charlotte
Dr. and Mrs. John S. Glover, Charlotte
Ms. Lucy Ann Glover, Wilmington
Dr. Ronald L. Godbold, Asheville
*Mr. Thomas William Godfrey, Arberdeen
*Dr. Harold L. Godwin, Fayetteville
Dr. and Mrs. Herman Godwin, Jr., Charlotte
*Dr. Ira D. Godwin, Fairfax, VA
Dr. David A. Goff, Raleigh
Ms. Jennifer A. Goff, Pinehust
Dr. Mary B. Golby, Durham
Dr. Robert L. Golby, Durham
Ms. Peggy Golden, Sanford
Mrs. Carol Goldman, New Bern
*Mr. Lawrence J. Goldrich, Virginia Beach, VA
Goldsboro Jaycees, Goldsboro
Dr. Manning M. Goldsmith, Savannah, GA
Dr. Marvin R. Goldstein, Scottdale, AZ
Dr. Alexander F. Goley, Burlington
Mr. James R. Gooch, Chapel Hill
Mr. David J. Goode, Charlotte
Ms. E. G. Goode, Charlotte
Dr. Michael D. Gooden, Goldsboro
Mr. Harry Gooder, Chapel Hill
*Dr. and Mrs. Joel S. Goodwin, Salisbury
Ms. Marjorie M. Goodwin, Raleigh
*Goody's Manuf. Corp. Fdn., Winston-Salem
Mr. George W. Goolsby, Jr., Charlotte
Mr. Irvin H. Gordon, New York, NY
Mr. and Mrs. Paul J. Gordon, Scarsdale, NY
Dr. Terry R. Gordon, Dearborn, MI
Ms. Mary C. Gore, Chapel Hill
Mr. and Mrs. Scott Gorelick, Charlotte
Grady-White Boats, Greenville
Dr. and Mrs. Charles P. Graham Sr., Wilmington
Mr. and Mrs. Douglas A. Graham, Wilson
*Dr. Gloria F. Graham, Wilson
Mr. James L. Graham, Yadkinville
Dr. John B. Graham, Chapel Hill
Dr. John C. Graham Jr., Elizabeth City
*Mr. and Mrs. S. Page Graham, Chapel Hill
Dr. Thomas W. Graham, Carrboro
Mr. and Mrs. John V. Grainger, IV, Greensboro
Mr. and Mrs. Thomas B. Grainger, Stony, FL
Mr. Juan L. Granados, Raleigh
Mr. and Mrs. C. S. Graves, Jr., Washington
Dr. J. F. Graves, Mt. Pleasant, SC
Mr. William T. Graves, Charlotte
Dr. Cyrus Leighton Gray, III., Tampa, FL
Mr. and Mrs. Mary Cannon Gray, Concord
Ms. Mary Jane Gray, Greensboro
Grays Creek Women's Club, Fayetteville
Mr. and Mrs. Murray C. Greason Jr., Winston-Salem
Greater Dunn Jaycees, Dunn
Mr. and Mrs. Barry L. Green, Raleigh
Mr. Charles F. Green, Wilmington
Mr. and Mrs. Joseph Green, Wilson
*Dr. and Mrs. Robert L. Green, Winston-Salem
Ms. Sophie G. Green, Raleigh
Dr. Stephen L. Green, Newport News, VA
Mr. B.V. Greene, Tega Cay, SC
Mr. Clifton C. Greene, Columbia, SC
*Mr. Edward I. Greene, Asheville
Dr. Walter B. Greene, Chapel Hill
Greensboro Jaycees, Greensboro
Greenville Anesthesia Professional Assoc., Greenville, SC
Greenville Jaycees, Greenville
Dr. and Mrs. James B. Greenwood, Charlotte
Dr. James B. Greenwood, Jr., Charlotte
Mr. and Mrs. Sam W. Greeson, Charlotte
Mr. and Mrs. F. H. Gregory, Jr., Weldon
Dr. John C. Grier, Jr., Pinehurst
Dr. Clarence A. Griffin III, Longmont, CO
Ms. Diane G. Griffin, Augusta, GA
Mr. James Griffin, Raleigh
Dr. and Mrs. Joseph Waldo Griffin, Jr., Augusta, GA
Ms. Karen E. Griffin, Chapel Hill
Dr. Marion W. Griffin, Asheboro
Dr. Robert A. Griffin, Asheville
Mr. and Mrs. Shelton Griffin, Wilson
*Dr. and Mrs. Tommy B. Griffin, Spartanburg, SC
Mr. and Mrs. Eleanor R. Griffith, Akron, OH
Mr. and Mrs. James R. Griffith, Charlotte
Mrs. Margaret H. Griffiths, Sanford
Dr. W. Randolph J. Grigg, Chapel Hill
Dr. and Mrs. Thomas R. Griggs, Hillsborough
Ms. Sarah H. Grine, Wilson
*Dr. and Mrs. Joe W. Grisham, Chapel Hill
Mr. and Mrs. Marvin Grogan, Reidsville
Ms. Corianne S. Groo, Chapel Hill
*Dr. James D. Groseclose, Randleman
Mr. Steven Grossman, Chapel Hill
Dr. and Mrs. Thomas H. Grote, Winton-Salem
Dr. Buel K. Grow, Jr., Belle Meade, NJ
Ms. Donna A. Grubb, Stone Mountain, GA
Dr. Robert L. Grubb, Jr., Glendale, MO
Mrs. Rochelle T. Grubb, Lexington
Mr. and Mrs. Keith A. Guess, Summerville, SC
Mr. David Bruce Guild, Durham
*Guilford County Fire Protective Assoc., Greensboro
Mr. Willie K. Guion, Chapel Hill
Dr. G. Patrick Guiteras, Chapel Hill
Mr. and Mrs. Howard L. Guld, Raleigh
Mrs. Natalie T. Guld, Raleigh
Ms. C. Brooks Gulledge, Raleigh
Dr. and C. G. Gunn, Jr., Winston-Salem
*Dr. and Mrs. June U. Gunter, Durham
Dr. Rita L. Gunter, Fayetteville
Mr. J.D. Gupta, Goldsboro
Mr. Will Gurley, High Point
Mrs. Robin H. G. Gurlitz, Chapel Hill
Dr. Michael S. Gurney, Tigard, OR
Ms. Leesie Guthridge, Chapel Hill
Mr. and Mrs. Alan Gutschmit, Troy
*Dr. Bernard Gutterman, Greensboro
Dr. David D. Gutterman, Iowa City, IA
Dr. Henry C. Guynes, Jr., Rockwall, TX
Dr. Frank W. Gwathmey, Norfolk, VA
Mrs. Margaret E. Haber, Chapel Hill
Dr. Carol Hedden Hackett, Mercer Island, WA
Dr. Raymond A. Hackett, Wayzata, MN
Dr. Robert H. Hackler, III, Richmond, VA
Mr. and Mrs. John Hackney, Jr., Wilson
Mrs. Margaret Hackney, Washington
Dr. Sandra K. Haigler, Lexington, KY
Ms. Lucille N. Hainsworth, Raleigh
Mr. and Mrs. Waldo E. Haisley, Chapel Hill
Mr. and Mrs. W. Haithcock, Jr., Henderson
Dr. Thomas Matthews Haizlip, Raleigh
Hakan-Corley & Assoc., Inc., Chapel Hill
Mr. and Mrs. M. J. Hakan, Chapel Hill
Mr. Charles H. Hale, Scotland Neck
Mrs. W. C. Hale, Kingsport, TN
The Haley Foundation, Inc., Greensboro
Mr. Alton Parker Hall, Jr., Pinehurst
Mrs. Ann S. Hall, Durham
Ms. Eloise Sheaffer Hall, Pinehurst
Mrs. Frances H. Hall, Raleigh
*Dr. James G. Hall, Dobson
Ms. Margaret Hall, Pittsboro
Mr. and Mrs. Natt A. Hall, Jr., Pinehurst
Ms. Virginia Flora Hall, Elizabeth City
Mrs. Dan K. Hamilton, Chapel Hill
Mr. and Mrs. Edgar B. Hamilton, Shelby
Ms. Edith G. Hamilton, Charlotte
Mr. and Mrs. Joseph F. Hamilton, Lexington
Mr. and Mrs. Kent H. Hamilton, Mount Gilead
Mr. and Mrs. William Hamilton, Greensboro
Ms. Karla K. Hammett, Naples, FL
Ms. Lois Smith Hammett, Wellington, FL
Dr. Alfred F. Hammond, Jr., New Bern
Mr. and Mrs. Dale Wayne Hammond, Chapel Hill
Dr. John E. Hammond, Chapel Hill
Ms. Lynn M. Hammond, Pinehurst
Dr. Mary G. Hammond, Chapel Hill
Mr. and Mrs. Charles Hamner, Jr., Chapel Hill
Dr. Alger V. Hamrick, III, Raleigh
Ms. Carol Cuthbertson Hamrick, Charlotte
Dr. Harvey J. Hamrick, Chapel Hill
Dr. and Mrs. John D. Hamrick, High Point
Mr. and Mrs. Rush Hamrick, Jr., Shelby
Mr. and Mrs. Wills Hancock, Oxford
*Mr. F. Borden Hanes, Jr., Winston-Salem
Mr. Frank Hanes, Sr., Winston-Salem
Mr. and Mrs. Gordon Hanes, Winston-Salem
Mr. and Mrs. John J. Hanes, Charlotte
Mr. and Mrs. Floyd Hansen, Charlotte
Mrs. Carson W. Harden, Raleigh
Ms. Carol Bradley Hardin, Fort Mill, SC
Mr. and Mrs. Paul Hardin, Chapel Hill
Mr. and Mrs. E. H. Hardison, Charlotte
Mr. and Mrs. J. Hardison, Jr., Wadesboro
Dr. James Joseph Hardy, Charlotte
Dr. Ronald Paul Hargrave, Rock Hill, SC
Ms. Patricia L. Harkrader, Chapel Hill
Dr. Steve D. Harlan, Hickory
Mr. J. E. Harley, III, New Bern
Mr. Herbert S. Harned, Jr., Chapel Hill
Harnett Central High School, Angier
Mr. and Mrs. John Harney, Charlotte
*Harper Trucking Co., Inc., Raleigh
*Dr. and Mrs. James R. Harper, Durham
Dr. James R. Harper, Jr., Wilmington
Dr. Matt C. Harper, Jr., Kinston
Ms. Cynthia Vanderford Harrell, Charlotte
Ms. Lynne Harrell, Greensboro
Mr.and Mrs. Paul H. Harrell, Greensboro
Mr. and Mrs. Allen H. Harris, Charlotte
Dr. Charles O. Harris, Chapel Hill
*Mr. David W. Harris, Charlotte
Dr. and Mrs. E. Flynn Harris, Charlotte
Mrs. Myra G. Harris, Charlotte
*Mr. Nathaniel Thomas Harris, Burlington
Mr and Mrs. Nimmo Rubaiz Harris, Kernersville
Mr. and Mrs. Phillip Harris, Jr., Henderson
Ms. Priscilla H. Harris, Troy
Ms. Shirley E. Harris, Troy
Dr.Tyndall P. Harris, Chapel Hill
Harrison-Wright Co., Inc., Charlotte
Mrs. Amelia H. Harrison, Raleigh
Ms. Katherine G. Harrison, Chapel Hill
Mr. and Mrs. N. Harrison, Jr., High Point
Mr. and Mrs. William Harrison, Jr., Durham
Mr. and Mrs. R. C. Harriss, Chapel Hill
Mrs. D. L. Harry, Jr., Charlotte
Mr. and Mrs. J. Albert Hart, High Point
Dr. Kirby Thompson Hart, Jr., Petersburg, VA
Dr. O. James Hart, Jr., Mocksville
Ms. Virginia E. Harter, Charlotte
Mr. and Mrs. Harold E. Hartley, Greensboro
Dr. Stephen Carl Hartsell, Salt Lake City, UT
Mr. Wesley York Hartsell, Salt Lake City, UT
Mr. and Mrs. Edward W. Hartsock, Greensboro
Mr. and Mrs. H. Jay Hartwig, Raleigh
Mr.and Mrs. Dan M. Hartzog, Raleigh
Mr. and Mrs. Charles Harvel, Star

*Mr. and Mrs. C. Felix Harvey, Kinston
Ms. Becky L. Harvin, Henderson
Mrs. Jessie Rose Harvin, Henderson
Dr. Edward W. Haselden, Jr., Columbia, SC
Ms. Sarah C. Hassinger, Raleigh
Hathaway Properties, Ltd., Raleigh
Mr. and Mrs. Bruce E. Hathaway, High Point
Miss Anna Hattaway, Raleigh
Ms. Camilla R. Hauptfuhrer, Charlotte
Dr. M. Linda Hawes, Rocky Mount
Ms. Ann Hawfield, Littleton
Dr. Stephen S. Hawkins, Hixson, TN
Mr. and Mrs. Byron Haworth, High Point
Ms. Anna Hayes, Hillsborough
Dr. Bennett A. Hayes, Jr., Fayetteville
Dr. James W. Hayes, III, Burlington
Mr. and Mrs. Kyle Hayes, Wilkesboro
Dr. Louis D. Hayman, Jr., Beaufort
Dr. and Mrs. C. L. Haynes, Kinston
Ms. Sandra Haynes, Carrboro
Mr. Edgar Haywood, III., Biscoe
Mr. and Mrs. Henry D. Haywood, Raleigh
Ms. Ina E. Haywood, Mount Gilead
Ms. Louise Haywood, Troy
Mr. and Mrs. Richard Haywood, Troy
Dr. Ray M. Hayworth, Knoxville, TN
Dr. John L. Hazelhurst, III, Asheville
Mr. Kenneth J. Headen, Carrboro
Heart Of Wilson Jaycees, Wilson
Dr. Gordon R. Heath, Lakeland, FL
Dr. F. Christian Heaton, Raleigh
Mr. and Mrs. Herbert Hechenbleikner, Charlotte
Mr. and Mrs. R. Heckenbleikner, Charlotte
Dr. Edward M. Hedgpeth, Jr., Durham
Mr. and Mrs. Timothy Heil, Raleigh
*Mr. James E. "Buddy" Heins, Sanford
Mr. G. H. Heintzelman, New Bern
Mr. and Mrs. Kenneth Helderman, Albemarle
Ms. Marion S. Helmick, Pittsboro
Mr. and Mrs. Richard Helmond, Cary
Mr. and Mrs. Charles C. Helms, Charlotte
Mr. and Mrs. Jesse Helms, Raleigh
Dr. Eric H. Helsabeck, Asheboro
Dr. Mark Alan Helvie, Ann Arbor, MI
Henderson, Collins and Muir, Raleigh
Henderson Jaycees, Henderson
Henderson Pediatric Center, Henderson
Ms. Elizabeth M. Henderson, Chapel Hill
Dr. Frederick W. Henderson, Chapel Hill
Dr. G. Patrick Henderson, Jr., Southern Pines
Mr. Garland O. Henderson, Charlotte
Dr. Hoke Fredrick Henderson, Jr., Columbia, SC
Dr. John P. Henderson, Jr., Kinston
*Dr. Richard R. Henderson, Elon College
Hendersonville Jaycees, Arden
Ms. Elizabeth H. Hendrick, Elkin
Dr. Charles H. Hendricks, Chapel Hill
Ms. Joyce P. Henkel, Belmont
Dr. John T. Henley, Jr., Fayetteville
Mr. and Mrs. E. H. Henry, Pinehurst
Mr. and Mrs. B. E. Hensley, Troy
Dr. J. B. Henson, Jr., Greensboro
Dr. and Mrs. William N. P. Herbert, Chapel Hill
Dr. John C. Herion, Chapel Hill
Dr. Bruce Elliott Herman, Salt Lake City, UT
Mr. Leon Herndon, Jr., Raleigh
Mr. and Mrs. William M. Herndon, Kings Mountain
Mr. and Mrs. Donald Herring, Troy
Ms. Maxine E. Herring, Pittsboro
*Dr. W. A. Herring, Jr., Boone
Dr. and Mrs. W. B. Herring, Browns Summit
Ms. Margaret Herrington, Chapel Hill
Dr. Xavier F. Hertle, Greensboro
Mr. and Mrs. William Hervey, Greensboro
*The Carl J. Herzog Foundation, Inc.
Mr. and Mrs. L. B. Hester, Jr., Sanford
Mr. and Mrs. Douglas K. Heyel, Raleigh
Mr. and Mrs. Carl W. Hibbert, Raleigh
Mrs. John L. S. Hickey, Chapel Hill

First-year medical student Cile Williamson

Mr. and Mrs. Peter J. Hickey, Charlotte
Mr. and Mrs. Jacob Hickman, Troy
Hickory Kiwanis Club, Hickory
Dr. Charles H. Hicks, Raleigh
Dr. Charles M. Hicks, Wilmington
Mr. and Mrs. Floyd Higby, Jr., Westport, CT
Ms. Eva Lister Higgins, Chapel Hill
Mr. Mark T. Higgins, Wilmette, IL
*High Point Bank & Trust Co., High Point
High Point Jaycees, High Point
Dr. Larry A. High, Jr., Rocky Mount
Ms. Margo High, Bynum
Dr. and Mrs. Charles Highsmith, Troy
Mr. and Mrs. W. E. Highsmith, Raleigh
Mr. Alleavious Hill, Raleigh
Mr. Arnold W. Hill, Pleasant Garden
*Mr. and Mrs. George Watts Hill, Sr., Chapel Hill, DSA '57
Mr. and Mrs. James Hill, Jr., Raleigh
Mr. Karl N. Hill, Jr., Greensboro
Mr. Nathaniel M. Hill, Jr., Raleigh
Ms. Cora Himadi, Chapel Hill
Mr. and Mrs. Thomas B. Hines, Raleigh
Mr. and Mrs. W. Andrew Hines, III, Greensboro
Ms. Silvia Hinnom, Chapel Hill
Mr. W. B. Hinshaw, Durham
Mrs. Frances G. Hinson, Charlotte
Mr. and Mrs. M. H. Hinton, Pinehurst
Dr. and Mrs. George Hitchings, Chapel Hill, DSA '82
Mr. and Mrs. David T. Hix, Gibsonville
Anna Ho Inc, Durham
Dr. Elgin Hobbs, Jr., Martinez, GA
Mr. J. Willard Hobbs, Greensboro
Ms. Rose Ann Hobbs, Fort Worth, TX
*Mr. and Mrs. A. L. Hobgood, Jr., Smithfield
Ms. Linden R. Hobson, Cary
Mr. and Mrs. Leonard Hockaday, Roanoke Rapids
Dr. Rona Elsberth Hodge, Durham
Mr. and Mrs. H. L. Hodges, Jr., Greenville
Mr. J. Arendell Hodges, Kinston
Mrs. Lynn B. Hodges, Charlotte
Hoechst-Celanese, Somerville, NJ
Dr. J. Lee Hoffer, Bolivar, OH
Ms. Paula Hoffer, Bolivar, OH
Mr. and Mrs. J. C. Hoffman, Sanford
Mr. Edward C. Hogan, Charleston, SC
Ms. Beth Hoggard, Durham
Ms. Minnie L. Hoggard, Windsor
Mr. and Mrs. R. N. Hoggard, Ahoskie
Mr. and Mrs. Jerry B. Holder, Troy
Mr. and Mrs. R. C. Holder, Troy
Dr. Walter D. Holder, Jr., Charlotte
Mrs. William C. H. Holder, Troy
Mr. and Mrs. Howard Holderness, Greensboro, DSA '71
Ms. Sara S. Holderness, Washington, DC
Mr. and Mrs. Thomas P. Holderness, Chapel Hill
Mrs. Graham Holding, Charlotte
Mr. and Mrs. Victor Holdren, Raleigh
Holland Logging, New Hill
Dr. Walter Hollander, Chapel Hill
Mrs. Dell K. Hollstein, Fayetteville
*Mr. G. T. Holmes, Pinehurst
Mr. and Mrs. Jas. Holmes, III, Winston-Salem
Mr. Robert Holmgren, Pittsboro
Ms. Cynthia B. Holt, Troy
Mr. Gerald D. Holt, Raleigh
Mrs. H. R. Holt, Troy
Mrs. Vera Oates Holt, Charlotte
Mr. and Mrs. Walter A. Holt, Raleigh
Mr. William De R. Holt, Greensboro
Mr. and Mrs. William C. Holton, Chapel Hill
*Home Federal Savings and Loan, Charlotte
Homeland Realty, Asheboro
Mr. and Mrs. Art Honeycutt, High Point
*Dr. and Mrs. Lattie Fuller Honeycutt, Jr., Raleigh
Mr. and Mrs. R. L. Honeycutt, Jr., Greenville
Mr. and Mrs. Roy Honeycutt, Greenville
Ms. Barbara P. Hood, Carrboro
Dr. James Martin Hood, Rocky Mount
Mrs. Sara G. Hood, Fayetteville
Mr. Mikal B. Hoofnagle, Richmond, VA
Mr. and Mrs. Walter W. Hook, Jr., Charlotte
Dr. William B. Hooks, Jr., Mount Airy
Dr. Lawrence Hoskins Hooper, Jr., El Paso, TX
Ms. Katherine C. Hoopes, Raleigh
Mrs. Jane W. Hope, Charlotte
Ms. Angela M. Hopkins, Durham
Ms. Carolyn A. Horn, Chapel Hill

Mr. and Mrs. Frank L. Horne, Charlotte
Mr. and Mrs. Steve Horne, Raleigh
Ms. Louise M. Horner, Chapel Hill, DSA '85
Ms. Mary W. Horner, Greensboro
Mr. and Mrs. David Horney, High Point
Mr. and Mrs. Jeff Horney, High Point
Dr. Lynda S. Horney, Raleigh
Dr. Gary M. Horowitz, San Antonio, TX
Dr. and Mrs. B. Horsley, Belmont
Mr. and Mrs. Thomas Horsley, Elizabeth City
Mr. Coy J. Horton, Burlington
Mr. and Mrs. William R. Horton, Wilson
Ms. Michele Laborwitt Horwitz, Raleigh
Mrs. Sue E. Horwitz, Raleigh
*Mr. and Mrs. Mark G. Hounshell, Raleigh
Mr. W. C. House, Hamilton
*Mrs. Cornell C. Houston, Cambridge, MD
Dr. Corbett Howard Estate of, Goldsboro
Mrs. Eleanor Bass Howard, Tarboro
Ms. Janet L. Howard, Hendersonville
Dr. Donald D. Howe, Gastonia
Mr. and Mrs. Samuel L. Howe, Belmont
Mr. William J. Howe, Belmont
Mr. Colbert P. Howell, Raleigh
Ms. Harvette J. Howell, Chapel Hill
Dr. J. Harden Howell, III, Wenatchee, WA
Dr. and Mrs. N. Neil Howell, Charlotte
Ms. Sara T. Howerton, Greensboro
Dr. John S. Howie, Raleigh
Mr. and Mrs. Peter S. Howsam, Raleigh
Dr. W. E. Hoy, Ashland, KY
Mr. William R. Hoyle, Greensboro
Mrs. Donald Hoyt, Rose Hill
Mrs. Helen E. Hoyt, Rose Hill
Dr. Sara Lippard Hoyt, Rome, GA
*Mr. and Mrs. Edwin A. Hubbard, Sanford
*Dr. and Mrs. Hampton Hubbard, Clinton
Mr. and Mrs. R. Carl Hubbard, Lancaster, SC
Dr. William N. Hubbard, Jr., Hickory Corners, MI, DSA '62
Mr. and Mrs. Richard F. Huddleston, III, Albemarle
Ms. Ida R. Hudson, Greenville, SC
Dr. Richard W. Hudson, Bayboro
Ms. Susan W. Hudson, Charlotte
Mr. Ronald Gregg Huff, Albemarle
Mr. and Mrs. John C. Huffard, Atlanta, GA
*Dr. and Mrs. William D. Huffines, Chapel Hill
Mr. and Mrs. Charles L. Huffman, Hickory
Mr. and Mrs. James Huffstetler, Charlotte
Mr. Craig C. Huggins, Raleigh
Ms. Billie C. Hughes, Raleigh
Dr. Jack Hughes, Durham, DSA '87
Dr. John S. Hughes, New Haven, CT
Ms. Anne D. Hummel, Greensboro
Dr. Raleigh G. Humphries, Greensboro
*Dr. James D. Hundley, Wilmington
Dr. Joel B. Huneycutt, Lake Wylie, SC
Mr. Hsiao Ling Hung, Chapel Hill
Dr. Drew Charles Hunsinger, Springhill, LA
Dr. J. Ronald Hunt, Columbus, GA
Mr. and Mrs. Thomas M. Hunt, Chapel Hill
Mr. and Mrs. Bynum M. Hunter, Greensboro
Mr. Ian D. Hunter, Chapel Hill
*Mr. and Mrs. J. Edwin Hunter, Statesville
Mr. and Mrs. Ralph B. Hunter, Broadway
Mr. Robert S. Hunter, Greensboro
Mr. and Mrs. Joe Huntley, Jr., Troy
Mr. and Mrs. Bobby Hurley, Mount Gilead
B. Gen. and Mrs. Arthur Hurow, Chapel Hill
*Dr. Joe Paul Hurt, Sylva
Ms. Margaret M. Hurt, Asheville
Dr. C. Norman Hurwitz, Hamilton, OH
Ms. Mary Lou S. Huske, Fayetteville
Mr. and Mrs. C. T. Hutchins, Jr., Charlotte
Dr. William F. Hutson, Northbrook, IL
Mr. and Mrs. W. D. Hux, Sr., Fayetteville
Mr. James B. Hyler, Jr., Raleigh
Mr. and Mrs. James E. S. Hynes, Charlotte
Illusions Jewelry Store, Asheville
Mr. and Mrs. H. B. Ingle, II, Charlotte
Ms. Betty O. Ingram, Mount Gilead
Mr. and Mrs. Jerry Ingram, Mount Gilead
Mrs. Martha Jean B. Ingram, Charlotte
Mr. and Mrs. William E. Ingram, Elizabeth City
Mrs. Paulette S. Inman, Charlotte
Ms. Frances R. Inscoe, Raleigh
Mr. and Mrs. Joseph Inscoe, Kensington, MD
Interior Concepts, Chapel Hill
Interstate Management & Investment Corp., Columbia, SC
Dr. Forest Irons, Chapel Hill
Ms. Eeleanor M. Irvin, Chapel Hill
Dr. Edward K. Isbey, III., Asheville
Ms. Ann G. Isenhour, Gastonia
Dr. and Mrs. Samy Iskandar, Winston-Salem
Dr. William L. Isley, Overland Park, KS
Ms. Sue Boney Ives, Wilmington
Mr. and Mrs. L. T. Ivey, Troy
Mr. and Mrs. H. L. Iwankovitsch, Albertville, AL
Mr. E. Eugene Jackson, Chapel Hill
Mrs. Edna M. Jackson, Morehead City
*Dr. F. Daniel Jackson, Cumberland, MD
Dr. and Mrs. F. Randolph Jackson, Greensboro
Mr. Howard P. Jackson, Arden
Ms. Jacquelyn Jackson, Durham
Dr. Linda Hall Jackson, Arden
Ms. Sallie S. Jackson, Pittsboro
Jacksonville Jaycees, Jacksonville
Mr. and Mrs. Claiborne K. Jacobs, Charlotte
Ms. Nancy H. Jacobs, Waxhaw
Dr. Heidi Leverenz Jacobson, Medford, OR
Dr. Mark W. Jacokes, Nashville, TN
Dr. Alton Everette James, Jr., Nashville, TN
Mr. and Mrs. David E. James, Wilson
Mr. and Mrs. F. M. James, Raleigh
Mr. and Mrs. Lenue T. James, Troy
Dr. Vernon L. James, Jr., San Antonio, TX
Mr. and Mrs. Peter Jarosak, Greensboro
Dr. Ali Jarrahi, Winston-Salem
Dr. Bennie Eure Jarvis, Morgantown, WV
JC Penny, Dallas, TX
Ms. Annie Laurie Jefferson, Belmont
Mr. Charles H. Jefferson, Winston-Salem
Mr. Clinmon A. Jefferson, Chapel Hill
Ms. Holly F. Jenison, Chapel Hill
Mr. Mark W. Jenison, Chapel Hill
Mr. and Mrs. Al Jenkins, Hickory
Dr. E. Earl Jenkins, Jr., Rock Hill, SC
Mr. and Mrs. J. W. Jenkins, Jr., Henderson
Dr. James J. Jenkins, St. Louis, MO
Mr. and Mrs. Joe Henry Jenkins, Ahoskie
*Dr. Joseph M. Jenkins, Washington
Dr. Samuel G. Jenkins, Jr., Elizabeth City
Dr. Timothy O. Jenkins, Concord
Dr. and Mrs. A. Tyson Jennette, Wilson
Dr. and Mrs. J. Charles Jennette, Chapel Hill
Ms. Margaret B. Jennings, Chapel Hill
Mr. Maurice Jennings, Burlington
Mr. Kenneth L. Jesneck, Cary
Mr. and Mrs. John C. Jester, Greensboro
Dr. Harold H. Jeter, Jr., Florence, SC
Mrs. Carol Jeudy-Benjamin, Durham
Mr. and Mrs. John R. Jewett, Cary
*Mr. Clinton Jobe, Rocky Mount
Dr. R. Lee Jobe, Charlotte
Mr. and Mrs. Paul S. Johansson, Manchester, CT
John Hopkins University, Baltimore, MD
Johnson & Higgins Carolinas, Inc., Charlotte
Mrs. Albert Johnson, Mount Gilead
Ms. Annie Ruth B. Johnson, Troy
Ms. Barbara L. Johnson, Reidsville
Dr. Charles A. Johnson, Sarasota, FL
Ms. Elizabeth L. Johnson, Mount Gilead
Dr. Emery P. Johnson, Charlotte
Mrs. Flora R. Johnson, Elkin
*Dr. George Johnson, Jr., Chapel Hill
Dr. George M. Johnson, West Hartford, CT
Mr. James E. Johnson, Jr., Charlotte
Mrs. James T. Johnson, Ahoskie
Mrs. Jean P. Johnson, Charlotte
Mr. Joseph Lewis Johnson, Jr., Greensboro
Mr. Joseph Lewis Johnson, Jr., Greensboro
Ms. Julie A. Johnson, Fletcher
Mr. and Mrs. Lawrence Johnson, Aberdeen
Mr. Lee Johnson, Wilson
Mrs. Mark P. Johnson, Charlote
Dr. Margaret G. Johnson, Chapel Hill
Dr. Philip Rudolph Johnson, Jr., Silver Spring, MD
Mr. and Mrs. Robert Ray Johnson, Wrightsville Beach
Mr. and Mrs. S. F. Johnson, Greensboro
Mr. Samuel H. Johnson, Raleigh
Mr. and Mrs. Tucker Johnson, Waxhaw
Mr. and Mrs. William Johnson, Troy
Mr. and Mrs. William A. Johnson, Lillington
Dr. and Mrs. George Johnson, Jr., Chapel Hill
Johnston Correctional Center, Raleigh
Ms. Elizabeth Glasgow Johnston, Charlotte
Mrs. Gretchen M. Johnston, Charlotte
Mr. and Mrs. H. M. Johnston, Charlotte
*Dr. Harvey W. Johnston, Charlotte
Mr. and Mrs. L. M. Johnston, Jr., Belmont
Mrs. Laurie H. Johnston, Charlotte
Dr. William O. Jolly, III, Albemarle
Mrs. Allen Jones, Greensboro
Ms. Anne N. Jones, Greensboro
Mr. and Mrs. C. M. Jones, Chapel Hill
Mr. and Mrs. Chester F. Jones, Wilmington
Dr. and Mrs. Colin D. Jones, Winton
Mrs. D. R. Jones, Washington
Mr. and Mrs. George Jones, Jr., Julian
Ms. Helen N. A. Jones, Pinehurst
Mr. Herbert R. Jones, Jr., Greensboro
Ms. Joyce A. Jones, Greensboro
Ms. Julia E. Jones, Chapel Hill
Ms. Linda G. Jones, Raleigh
Dr. Mary Ellen Jones, Chapel Hill
Ms. Mary Lou Jones, Shiloh
Dr. Michael C. Jones, Hendersonville
Mrs. Raymond A. Jones, Charlotte
Ms. Robin Jones, Greensboro
Ms. Shirley V. Jones, Raleigh
Mr. and Mrs. T. Douglass Jones, III, Wilson
Mr. and Mrs. William S. Jones, Greensboro
Mr. Bill Jordan, Oakland, CA
Mrs. Ellen M. Jordan, Pinehurst
Dr. George L. Jordan, Jr., Houston, TX, DSA '83
Mrs. Jack Jordan, Mt. Gilead
*Mr. and Mrs. John R. Jordan, Jr., Raleigh
Mr. and Mrs. Joseph Jordan, Jr., Raleigh
Dr. Peter Manning Jordan, Winston-Salem
Mr. and Mrs. R. B. Jordan, III, Mt. Gilead
Dr. Richard D. Jordan, Salisbury
Dr. Robert C. Jordan, Jr., Sanford
*Mr. and Mrs. Thomas M. Jordan, Charlottesville, VA
Dr. Weldon H. Jordan, Fayetteville
Dr. Joseph L. Jorizzo, Winston-Salem
Mr. and Mrs. Alex R. Josephs, Charlotte
Dr. Benjamin H. Josephson, Basking Ridge, NJ
Ms. Margaret Frances Joyce, Providence, RI
Ms. Blanca M. Joyner, Charlotte
Ms. Carole R. Joyner, Charlotte
Mr. and Mrs. James A. Joyner, Raleigh
Dr. and Mrs. Samuel B. Joyner, Greensboro
Mrs. W. K. Joyner, Raleigh
Dr. Walton Kitchin Joyner, Jr., Chapel Hill
Dr. William S. Joyner, Chapel Hill
Ms. Barbara Judd, Chapel Hill
Mr. and Mrs. I. B. Julian, Fayetteville, DSA '88
The Junior League of Gaston Co., Belmont
Ms. Helen Kaestner, Pittsboro
Mrs. Thomas Ray Kagarise, Chapel Hill
Dr. George A. Kallianos, Atlanta, GA
Mr. and Mrs. Edward Kambour, Raleigh
Mr. Joseph H. Kane, Sanford
Dr. Mickael Moses Kannan, Richmond, VA
Kannapolis Fire Dept., Kannapolis
Dr. and Mrs. Kenneth S. Karb, Greensboro

Mrs. Toni Katen, Raleigh
Dr. William H. Katz, Auburn, ME
Ms. Bertha K. Katzin, Miami Beach, FL
Mrs. Judith Katzin, Raleigh
Dr. and Mrs. David Kaufman, Chapel Hill
Dr. William K. Kaufman, Durham
Mr. Robert A. Keahey, San Antonio, TX
Mrs. Charles L. Kearns, High Point
Mrs. John P. Keating, Wilmington
Ms. Brenda D. Keene, Raleigh
Dr. and Mrs. Glenward T. Keeney, Fayetteville
Ms. Judy Lenoir Keever, Morganton
Dr. Richard Alan Keever, High Point
Mrs. Graeme M. Keith, Charlotte
Mr. Larry D. Keith, Garner
Ms. Anne Kellogg, Chapel Hill
Dr. David L. Kelly, Jr., Winston-Salem
Mr. Edward L. Kelly, Raleigh
Dr. Herbert T. Kelly, Pipersville, PA
*Dr. and Mrs. Luther W. Kelly, Jr., Charlotte DSA '78
Ms. Mary S. Kelly, Greensboro
Mr. Michael W. Kelly, Troy
Mrs. Olivia S. Kelly, Greensboro
Ms. Rosalie Huske Kelly, Fayetteville
Mrs. W. R. Kelly, Lexington, KY
Dr. Timothy F. Kelly, Palm Harbor, FL
Mr. Glen Joseph Kemp, Jr., Chapel Hill
Ms. Roberta Josey Kemp, Raleigh
Mr. and Mrs. Frank H. Kenan, Durham DSA '76
Dr. Angela Kendrick, Portland, OR
Mr. Jerry W. Kennedy, Reidsville
Dr. Rebecca S. Kennedy, Carrboro
Mr. Stephen R. Kenney, Raleigh
Mr. Ralph E. Kent, Southern Pines
Ms. Mildred Kereston, Greensboro
Dr. Theodore C. Kerner, Jr., Nashville, TN
Dr. Douglas Stuart Kernodle, Brentwood, TN
Dr. G. Wallace Kernodle, Burlington
Ms. Esther V. Kerr, Troy
*Mr. and Mrs. Johnny Kerr, Raleigh
Dr. William D. Kerr, Winnetka, IL
Mr. and Mrs. Frank C. Kersey, Star
Mr. J. F. Ketchie, Blowing Rock
Mrs. Robert C. Ketner, Greensboro
Drs. Janice D. and L. Lyndon Key, Greensboro
Mr. and Mrs. Samir G. Khoury, Greensboro
Dr. Douglas P. Kiel, Canton, MA
Dr. Moyra Kileff, Chapel Hill
Dr. Kate Killebrew, Atlanta, GA
Mr. Irwin E. Killian, Pinehurst
Mr. and Mrs. Ray A. Killian, Jr., Charlotte
*Dr. W. Kirby Kilpatrick, Jr., Pinehurst
Dr. and Mrs. T. S. Kim, Hickory
Mr. W. H. Kincheloe, Rocky Mount
Dr. Robert T. Kindley, Forst Walton Beach, FL
Col. Robert T. Kindley, New York
Dr. and Mrs. Francis P. King,Sr., New Bern
Dr. Garland Coffield King, Franklin
*Mr. and Mrs. James Arthur King, Raleigh
Dr. Michael E. King, Winston-Salem
Mrs. Philip King, Southport
Dr. Wade Hampton King, San Francisco, CA
Kinko's Copies, Chapel Hill
The Hon. and Mrs. Robert W. Kirby, Cherryville
Ms. Louise L. Kirk, Mount Gilead
*Dr. John A. Kirkland, Wilson, DSA '89
Dr. John L. Kirkland, III, Houston, TX
Mr. and Mrs. Gary Kirkman, Charlotte
Dr. Sue Kirkman, Durham
Mrs. Jean R. Kirsch, Charlotte
Dr. L. Gordon Kirschner, Washington, DC
Mr. James B. Kiser, Charlotte
Mr. and Mrs. J. Kittrell, Jr., Greenville
Dr. Scott Gerald Kleiman, Marietta, GA
Mr. and Mrs. David A. Klein, Wilmington
Mr. and Mrs. A. W. Klemme, Jr., High Point
Mrs. Kathleen W. Klimas, Charlotte
Dr. R. E. Klingbeil, Elm Grove, WI
Dr. and Mrs. Jay Klompmaker, Chapel Hill
Mr. and Mrs. Jeffrey M. Kluger, Enfield
Mrs. Joseph R. Kluttz, Jr., Albemarle
Ms. Georgia Kneib, Goldsboro
Mr. J. Allen Knight, Raleigh
Mr. R. V. Knight, Jr., Charlotte
Knightdale Jaycees, Wendell
Ms. Cornelia C. Knott, Asheboro
Dr. Michael R. Knowles, Chapel Hill
Mr. Joseph H. Knox, Newton
Mr. and Mrs. Robert Knox, Greensboro
Mr. Matthew A. Koch, Chapel Hill
Ms. Margaret B. Kochler, Charlotte
Mr. and Mrs. David Kochler, Charlotte
Dr. David Wolters Kohl, St. Petersburg, FL
Ms. Sharon A. Kohler, Charlotte
Dr. Marcia A. Koomen, Chapel Hill
Mr. and Mrs. Calvin B. Koonce, Raleigh
Ms. Mary Grady Koonce, Raleigh
Mr. Marvin B. Koonce, Jr., Raleigh
*Dr. Thomas Jeffrey Koontz, Winston-Salem
Dr. and Mrs. Thomas A. Kornegay, Troy
*Dr. Jan Patricia Kovach, Fairbanks, AK
Mr. and Mrs. Scott Kovens, Chapel Hill
Mr. and Mrs. Ernest N. Kraybill, Chapel Hill
Dr. Paula M. Kreitzer, Bellerose, NY
Mr. Thomas A. Krenitsky, Chapel Hill
Dr. Gary R. Krieger, Boulder, CO
Kron Medical Corporation, Chapel Hill
Dr. Frederick G. Kroncke, Jr., Rocky Mount
*Dr. Howard S. Kroop, Woodbury, NJ
Dr. Ernest J. F. Krug, III, Greenville, SC
Dr. Steven Krumholz, West Palm Beach, FL
Dr. David R. Kuhn, Sanford
Dr. and Mrs. Stuart R. Kupfer, Chapel Hill
Ms. Georgia C. Kyser, Chapel Hill
*Labor Resource, Inc., Raleigh
Mrs. Jeanne B. LaBorwitt, Raleigh
La Cache Demark Corporation, Winston-Salem
*Dr. and Mrs. Robert S. Lackey, Charlotte
Ms. Joyce Taylor LaFar, Gastonia
Lafayette Fireman's Club, Fayetteville
Rev. and Mrs. Tracy H. Lamar, Jr., Southern Pines
Dr. Walter L. Lamar, Tulsa, OK
Mr. and Mrs. Carter Lambeth, Wilmington
*Mr. and Mrs. R. Fred Lambeth, High Point
Dr. W. Rick Lambeth, Durham
Dr. Cary Jake Lambert, Jr., Durham
Ms. Pamela G. Lamm, Wilson
Mr. and Mrs. Timothy Lampkin, Charlotte
*Dr. Jerold E. Lancourt, Dallas, TX
*Dr. and Mrs. Henry Landon, III, North Wilkesboro
Mr. and Mrs. William G. Lane, Greensboro
Mr. and Mrs. Robert Laney, Jr., Shelby
Dr. John A. Lang, Raleigh
Ms. Clarita P. Langaman, Jamaica Hills, NY
Mr. and Mrs. H. Q. Langenderfer, Chapel Hill
Mr. George M. Langford, Chapel Hill
Lanier Worldwide, Inc., Atlanta, GA
Mr. David C. Lanier, Washington, DC
Dr. H. Lee Large, Jr., Charlotte
Dr. Patricia C. LaRocco, Willingboro, NJ
Ms. Susan E. Larson, Chapel Hill
Mrs. Bertha A. Lassiter, Candor
*Dr. W. Bryan Latham, Coral Gables, FL
Mr. and Mrs. Walter Latham, Bethel
Dr. William C. Latham, Thomasville
Ms. Katherine Latimer, Chapel Hill
Mr. and Mrs. Curtis Laughlin, Greensboro
Mr. and Mrs. Lee Laughlin, Greensboro
Mr. William E. Laupus, Greenville
Laurinburg Jaycees, Laurinburg
Ms. Kathryn S. Lauten, Greensboro
Ms. Jewell R. Law-Harrison, Charlotte
Dr. and Mrs. Hal C. Lawrence, Asheville
Mr. and Mrs. Paul R. Lawrence, Charlotte
Ms. Elizabeth B. Lawson, Gastonia
Mr. and Mrs. Donald B. Leach, Los Lunas, NM
Mr. and Mrs. Willard M. Leach, Charlotte
Mrs. Frank W. Leak, Clinton
Dr. and Mrs. Preston H. Leake, Midlothian, VA
Mrs. MacLean B. Leath, High Point
Mrs. Thomas Leath Estate of, Rockingham
Dr. and Mrs. Fred Lebos, Tampa, FL
Mrs. Lola C. Lebow, Charlotte
Dr. Allen H. Lee, Selma
Ms. Janet G. Lee, Greensboro
Mrs. Janet R. Lee, Charlotte
Mrs. Lillian W. Lee, Chapel Hill
Mr. and Mrs. W. Fitzhugh Lee, Charlotte
Mr. and Mrs. Y. John Lee, Charlotte
*Lee County Cancer Society, Sanford
Ms. Janet B. Lefkowitz, Charlotte
Dr. Charles Deems Lefler, Brevard
Drs. Constance and Hugh Lefler, Jr., Fort Worth, TX
*Dr. Gordon Buck LeGrand, Raleigh
Dr. Leigh S. Lehan, Raleigh
Dr. Laurence B. Leinbach, Winston-Salem
Ms. Billie R. Lemon, Cary
Lemonds Drywall & Acoustics, Troy
Mr. and Mrs. C. William Lemons, Troy
Dr. Barry R Lentz, Chapel Hill
Mr. and Mrs. Ronald D. Lentz, Durham
Ms. Maria A. Leon, Chapel Hill
Mr. Daniel L. Leonard, Chapel Hill
Mrs. Irene C. Leonard, Greensboro
Ms. Judith E. Leonard, Phoenix, AZ
Ms. Lillian M. Leonard, Greensboro
*Dr. E. Carwile LeRoy, Charleston, SC, DSA '88
Dr. H. R. Lesesne, Chapel Hill
Ms. Gayle Elaine Lester, Carrboro
Mr. and Mrs. Norman Levin, Charlotte
Mr. and Mrs. Robert J. Levin, Mount Gilead
*Mrs. Stella Levin, Greensboro
Dr. Stuart J. Levin, Birmingham, AL
Ms. Leah H. Levine, Raleigh
Dr. Daniel M. Lewis, Charlotte
Mr. and Mrs. John W. Lewis, Rocky Mount
Ms. Joyce R. Lewis, Durham
Mr. Richard H. Lewis, Durham
Dr. Rodger P. Lewis, Union City, TN
Ms. Suzanne M. Lewis, Charlotte
Lexington Jaycees, Lexington
Mr. Steven Li, Chapel Hill
Ms. Noel Ann Lichtin, Raleigh
LifeJack, Inc., Statesville
Mr. and Mrs. Frank Liggett, III, Raleigh
*Dr. Richard V. Liles, Jr., Albemarle
Mrs. Edward G. Lilly, Jr., Raleigh
Mr. and Mrs. Eric Van Lilly, Greensboro
Capt. and Mrs. Gary N. Lima, Mount Gilead
Dr. John Lina, Southern Pines
*Mr. Jack Rogers Lindley, Burlington
Mr. and Mrs. Robert B. Lindsay, Chapel Hill
Dr. and Mrs. Scott Lindsay, Charlotte
Lineberger Foundation, Belmont DSA '84
Mr. and Mrs. A. Lineberger, III, Belmont
*Dr. Adrian S. Lineberger, Jr., Fairfax Station, VA
Mr. and Mrs. Clayton S. Lineberger, Charlotte
*Dr. Herman P. Lineberger, Chapel Hill
*Mrs. J. Harold Lineberger, Belmont
*Mr. and Mrs. Joseph Lineberger, Charlotte
*Mrs. Linda Sitton Lineberger, Belmont
Mr. and Mrs. A. Lineberry, Jr., Greensboro
Dr. R. P. Linker, Charleston, SC
Dr. and Mrs. W. S. Linville, Wilson
Ms. Clara Melissa Lisk, Raleigh
Litho Industries, Inc., Raleigh
Dr. Edgar W. Little, Greensboro
Mr. and Mrs. George R. Little, Elizabeth City
Mr. and Mrs. George R. Little, Jr., Elizabeth City
Dr Rufus R. Little, Ho Ho Kus, NJ
Dr. Wilfred D. Little, Jr., Tampa, FL
Ms. Cindy E. Lively, Fletcher
Mr. and Mrs. J. L. Livingston, Charlotte
Dr. Clarence E. Lloyd, Jr., Greensboro
Mr. Robert C. Lock, Greensboro
Mr. and Mrs. Perry Loflin, Greensboro
Dr. Charles J. Loftin, III, Roanoke, VA

Mrs. Rebecca P. Logan, Raleigh
Mr. Glenn Logue, Cary
Dr. Jacob Andrew Lohr, Charlottesville, VA
Dr. Julian Lee Lokey, Jr., Atlanta, GA
Mr. and Mrs. Bernard T. Lomas, Pinehurst
Mr. Charles W. Lomax, Greensboro
Ms. Carolyn W. London, Durham
Mrs. John B. London, Charlotte
Dr. William L. London, IV, Durham
Mr. Fred J. Long, Jr., Raleigh
Mrs. Gloria H. Long, Charlotte
Dr. John A. Long, III., Raleigh
Dr. John C. Long, Pfafftown
Mr. and Mrs. Larry B. Long, Candor
Mr. and Mrs. P. J. Long, Tarboro
Dr. Walker A. Long, Chapel Hill
Mr. and Mrs. Willie Long, Roanoke Rapids
*Mr. Zachary F. Long, Jr., San Francisco, CA
Ms. Betty C. Longiotti, Chapel Hill
*Mr. and Mrs. Henry E. Longley, Wilmington
Dr. Luisa A. Lorenzo, Carrboro
Mr. and Mrs. Frederick Louis, Belmont
Mr. and Mrs. Chas. Lovelace, Jr., Chapel Hill
Ms. Frances B. Lovell, Charlotte
Dr. Alix Jean Lovitz, Encino, CA
*Mr. S. Ray Lowder, Lincolnton
Dr. Barbara Ann Lowe, Dunn
Mr. John W. Lowe, Atlanta, GA
Dr. Stephan B. Lowe, Winston-Salem
Mr. Brian E. Lowery, Orlando, FL
Mr. Joe W. Lowrance, Charlotte
Dr. Otis M. Lowry, Spring Hope
Dr. Charles Clement Lucas, Jr., Larchmont, NY
Mr. Dennis B. Lubahn, Durham
Dr. Jack Alan Lucas, Charlotte
Mrs. Louise B. Lucas, Charlotte
Mrs. Mary T. Lucas, Washington
Mr. and Mrs. John Luchessi, Chapel Hill
Dr. and Mrs. C. T. Ludington, Chapel Hill
Dr. Clark Luikart, Durham
Dr. Roger L. Lundblad, Chapel Hill
*Mrs. Charlotte J. Lunsford, Asheville
Mr. and Mrs. Mike Luper, Stantonsburg
Dr. John R. Lurain, III, Oak Park, IL
Mr. and Mrs. Douglas P. Lybrook, Atlanta, GA
Dr. Russell O. Lyday, Greensboro
Ms. Lenora Lyght, Chapel Hill
*Mr. and Mrs. George Lyles, High Point
Mr. Mitchell F. Lyman, Chapel Hill
Ms. Annette K. Lynch, Alexandria, VA
Mr. and Mrs. Charles E. Lynch, Bennettsville, SC
Dr. G. Craig Lynch, Westwood, KS
*Dr. John F. Lynch, Jr., High Point, DSA '69
Dr. Ross D. Lynch, Columbia, SC
Ms. Joy M. Lynn, Raleigh
Mrs. Elisabeth Lineberger Lyon, Portland, OR
Mr. and Mrs. Muir Lyon, Greensboro
Dr. Jane E. Lysko, Asheville
3M Office Systems Division, St. Paul, MO
M. L. Designs, Chapel Hill
Dr. Saundra Ann Maass-Robinson, East Point, GA
Dr. Frederick Harrison Mabry, Laurinburg
Dr. Henry J. MacDonald, Jr., New Bern
MacGregor Village Shpg. Ctr., Raleigh
Ms.Margaret B. MacInnes, Pittsboro
Dr. and Mrs. W. F. Mackey, Memphis, TN
Dr. Julius A. Mackie, Jr., Bryn Mawr, PA
Ms. Lemma Mackie, Raleigh
Mr. and Mrs. Stephen B. Mackler, Greensboro
*Mr. Hector MacLean, Lumberton, DSA '78
Mr. and Mrs. Robert J. MacLean, Charlotte
Mr. Alan J. MacLeod, Chapel Hill
Dr. Donald M. McQueen, Wilmington
*Dr . Edith K. MacRae, Chapel Hill
Dr. John Donald MacRae, Jr., Dunedin, FL
Ms. Charlotte N. Mactavish, Henderson
Mr. and Mrs. Larry Maddox, Troy
Madison-Mayoday Jaycees, Madison
Dr. Donald L. Madison, Chapel Hill
Dr. H. Raymond Madry, Jr., Raleigh
Ms. Karin E. Mahoney, Raleigh
Maiden Presbyterian Church, Chapel Hill
Maine X-Ray, Unity, ME
Mr. and Mrs. Terry W. Mallard, Wake Forest
Ms. Anna Maness, Biscoe
Mr. and Mrs. William H. Maness, Troy
Ms. Ethel W. Mangold, Asheville
Dr. John R. Mangum, Sanford
Mr. and Mrs. G. P. Manire, Bynum
Mr. Bruce J. Mann, Birmingham, MI
Mr. and Mrs. Lowell K. Mann, Greensboro
Mrs. Charles H. Manning, Raleigh
Mr. and Mrs. Edward N. Manning, Pinehurst
Mrs. John T. Manning, Chapel Hill
Dr. John T. Manning, Jr., Houston, TX
Mr. John Manzella, York, PA
Ms. Betty M. Margison, Chapel Hill
Mrs. Irving M. Margolis, Williamston
Dr. Jeffrey Alan Margolis, Eden
*Marion Laboratories, Inc., Kansas City, MO
Mrs. Frances H. Marion, Charlotte
Dr. John C. Markham, III, Augusta, GA
*Dr. James M. Marlowe, High Point
Ms. Nancy E. Markle, Pittsboro
Ms. Karen Markovsky, Raleigh
Dr. and Mrs. John J. Marks, Raleigh
Mr. and Mrs. Glenn R. Marple, San Antonio, TX
Dr. and Mrs. F. Marrit, Jr., Troy
Mrs. Evelyn C. Marsan, Greensboro
*Marsh Furniture Co., High Point
Mr. and Mrs. Howard Marsh, Jr., Greensboro
*Mr. and Mrs. James Marsh, High Point
Dr. Spinks H. Marsh, Punta Gorda, FL
Mr. John F. Marshall, Warsaw
Mr. and Mrs. Robert M. Marshall, Raleigh
Dr. and Mrs. William Marshall, Greensboro
Mr. and Mrs. Cecil Martin, Greensboro
The Hon. and Mrs. H. C. Martin, Chapel Hill
*Mr. and Mrs. James Martin, Jr., Linville
Dr. and Mrs. James N. Martin, Jr., Jackson, MS
Ms. Jean Poe Martin, Raleigh
Mr. and Mrs. John B. Martin, Troy
Ms. Judy S. Martin, Charlotte
Mrs. Leroy B. Martin, Jr., Raleigh
Ms. Mary Martin, Charlotte
Ms. Melissa W. Martin, Raleigh
Ms. Victoria L. Martin, Pittsboro
Mr. and Mrs. Ned I. Marvin, Gastonia
Mr. James L. Mason, Jr., Charlotte
Mrs. Lori L. Mason, Raleigh
Mr. and Mrs. Robert E. Mason, Charlotte
Mrs. Robert E. Mason II, Charlotte
Mrs. W. A. Mason, Belmont
Mr. C. Knox Massey, Durham, DSA '57
Dr. and Mrs. Thomas N. Massey, Charlotte
Ms. Sally Couch Masten, Charlotte
Mrs. Frank Matthews, Gastonia
Mr. and Mrs. Milton Matthews, Greensboro
Mrs. Sherry B. Matule, Henderson
Mr. and Mrs. C. T. Mauzy, Jr., Raleigh
Ms. Ann F. Maxwell, Charlotte
Mr. G. C. Maxwell, Jr., Greenville
Ms. Wendy T. Maxwell, Chapel Hill
Mr. and Mrs. Henry L. May, Greensboro
Mr. and Mrs. Michael B. May, Raleigh
Mr. and Mrs. William May, Jr., Pittsboro
Mr. and Mrs. James Maynard, Raleigh
Ms. Pamela P. Mayo, McAdenville
*Mr. and Mrs. Robert L. Mayville, Winston-Salem
The McAdenville Foundation, Inc., McAdenville
Ms. Dorothy E. McAllister, Southern Pines
Dr. Hugh A. McAllister, Jr., Houston, TX
Dr. J. Gray McAllister, III., Chapel Hill
Mr. and Mrs. John McAlister, Jr., Charlotte
Mr. and Mrs. John W. McAlister, Charlotte
Mr. Albert L. McAulay, Mount Gilead
*Mr. and Mrs. Joseph McAuley, Rocky Mount
Mr. Arthur J. McBay, Chapel Hill
Mr. and Mrs. William H. McBride, Raleigh
Mrs. Anne S. McBryde, Gibson
Dr. French H. McCain, Bloomfield Hills, MI
Dr. K. F. McCain, Winston-Salem
*Dr. and Mrs. John L. McCain, Wilson DSA '81
Ms. Meg McCall, Charlotte
Mr. Bill B. McCallum, Troy
Dr. and Mrs. Lloyd C. McCaskill, Maxton
Dr. Howard Dean McClamrock, Baltimore, MD
Mr. and Mrs. Chas. R. McClellan, Greensboro
Mr. and Mrs. Gary J. McClellan, High Point
*Mr. James G. McClure, Memphis, TN
*Mr. and Mrs. J. H. McCombs, Jr., Morganton
Dr. Steven Kelly McCombs, Chapel Hill
Mr. Samuel A. McConkey, Morehead City
Ms. Doris C. McConnell, Greensboro
Mr. and Mrs. Leon M. McCorkle, Greensboro
Mr. and Mrs. John McCormick, Sanford
Mr. Kevin G. McCowan, Chapel Hill
Mr. and Mrs. Reginald McCoy, Laurinburg
Mrs. Christine R. McCready, Charlotte
Mr. and Mrs. Robert McCuiston, Greensboro
*Dr. W. Benson McCutcheon, Jr., Durham
*Dr. W. Jason McDaniel, Jr., Raleigh
Dr. Noel Bruce McDevitt, Pinehurst
Mr. and Mrs. Bradley McDonald, Cary
*Mrs. Frances L. McDonald, Charlotte
Ms. Kathleen M. McDonald, Hillsborough
Mr. Thomas W. McDowell, Jr., Knoxville, TN
Mrs. Sarah Y. McElwee, Charlotte
Dr. James S. McFadden, Pinehurst
Dr. Hugh H. McFadyen, Tuscon, AZ
Martha McGeachy Catering, Mount Gilead
Ms. Elizabeth F. McGee, Greensboro
Mr. Harold V. McGee, High Point
Dr. and Mrs. Julian Murrill McGee, Greensboro
Ms. Theresa M. McGee, Fairfax, VA
Mr. and Mrs. Mark R. McGinn, Greensboro
Mr. John A. McGlohon, Asheboro
Ms. Sara H. McGovern, Raleigh
Mrs. Barbara McGuire, Raleigh
Ms. Lisa N. McGuire, Durham
Dr. David L. McIlwain, Chapel Hill
Mr. and Mrs. J. V. McIntosh, Troy
*Dr. and Mrs. Hamilton McKay, Charlotte
McKay's Cleaners, Inc., Raleigh
Mr. and Mrs. James McKee, Raleigh
Mr. and Mrs. John B. McKee, Chapel Hill
Dr. Murdoch R. McKeithen, Laurinburg
Ms. Anne B. McKenna, Charlotte
Ms. Sondra L. McKenzie, Wilmington
Mr. Robert B. McKinley, Siler City
Mr. and Mrs. Charles C. McKinney, Raleigh
Dr. J. Edward McKinney, Chattanooga, TN
Mr. and Mrs. Robert J. McKinney, Bowling Green, KY
Mr. William T. McKinney, Madison, WI
Dr. Rodney L. McKnight, Mooresboro
Ms. Teressa Y. McKoy, Chapel Hill
*Dr. Clarence R. McLain, Jr., Cincinnati, OH
Mrs. Dee H. McLamb, Raleigh
Dr. Joseph T. McLamb, Goldsboro
Ms. Christie McLawhorn, Grimesland
Ms. Barbara F. McLean, Charlotte
Miss Clara L. McLean, Pinehurst
Mr. E. C. McLean, Jr., Greensboro
Mr. Edward C. McLean, Birmingham, AL
Dr. and Mrs. J. O. McLean, Charlotte
Dr. and Mrs. Malcolm McLean, Charlotte
Mr. and Mrs. Malcolm H. McLean III, Lumberton
Mr. Charles A. McLendon, Greensboro
*Dr. and Mrs. William W. McLendon, Chapel Hill
Dr. Jonnie Horn McLeod, Charlotte
Dr. Mary Margaret McLeod, Sanford, DSA '77
Mr. and Mrs. H. B. McManaway, Charlotte
Ms. Barbara F. McManeus, Charlotte
Mr. D. L. McMichael, Sr., Madison
Dr. and Mrs. Campbell W. McMillan, Chapel Hill
Mr. and Mrs. George McMillan, Charlotte

Ms. Mildred S. McMillan, Charlotte
Dr. Robert M. McMillan, Pinehurst
Mr. and Mrs. John H. McMurray, Charlotte
Dr. Julia Elizabeth McMurray, Wellesley, MA
Dr. David Willis McMurry, Concord
Dr. Donald Drake McNeill, Jr., Lenoir
Ms. Minnie B. McPherson, Troy
Mr. Branson McRae, Mount Gilead
Mr. and Mrs. Mark A. McRae, Mount Gilead
Mr. and Mrs. Gary McRay, Mount Gilead
Mr. E. D. McSorley, New Bern
Ms. Monica Eckard McSwain, Winston-Salem
*Dr. Philip D. Meador, Jr., Henderson
Mr. Cleo B. Means, Fayetteville
Mr. and Mrs. Robert E. Meares, Raleigh
Mecklenburg Jaycees, Charlotte
Dr. J. Doyle Medders, Louisburg
Ms. Elizabeth M. Medearis, Charlotte
Medical Alumni Association, Chapel Hill
*Medical Education Systems, Inc., Doylestown, PA
Medical Mutual Insurance Company, Raleigh
Ms. Betsy T. Medlin, Littleton
Mr. and Mrs. Luther Medlin, Sr., Greensboro
Dr. Mary Ellen Meighan, Branford, CT
Dr. Charles F. Melchor, Jr., Myrtle Beach, SC
Mr. and Mrs. Victor J. Melts, Jacksonville
Mr. and Mrs. Harry H. Melville, Pittsboro
*Dr. Darlyne Menscer, Charlotte
*Merck & Co., Inc., Wilmington, DE
Mercy Medical Center, Springfield, OH
*Dr. Lonnie W. Merrick, Fresno, CA
Mr. and Mrs. Emil Merritt, Greensboro
Dr. Houston Merritt Estate of, Bronxville, NY
Ms. Barbara Merten, Chapel Hill
Dr. and Mrs. David F. Merten, Chapel Hill
Dr. Lawrence E. Metcalf, Asheville
Mr. and Mrs. Stephen Metelits, Pittsboro
Metrolina Jaycees, Charlotte
Mr. and Mrs. Gene Metz, Asheville
Ms. Dorothy Meyer, Chapel Hill
Mr. and Mrs. James E. Meyer, Charlotte
Dr. Julian H. Meyer, Sr., Roanoke, VA
Dr. Patricia A. Michael, Raleigh
Mr. and Mrs. R. P. Michaels, Jr., Bethel
Ms. Lisa A. Michal, Durham
Mr. Andrew D. Michels, Cary
Mr. and Mrs. William Middlemas, Charlotte
Dr. J. Miken, Gastonia
Dr. W. Miken, Gastonia
Ms. Elisabeth Fuqua Miles, Virginia Beach, VA
Mr. Brent Milgrom, Charlotte
Mr. and Mrs. Pressly Millen, Jr., Old Saybrook, CT
*Mr. Steve H. Millender, Burlington
Dr. Andrew C. Miller, III, Gastonia
Ms. Arlene N. Miller, Burlington
Mr. and Mrs. Arthur A. Miller, Statesville
Ms. Beth Lewis Miller, Rutherfordton
Dr. Clarence M. Miller, Jr., Sewickley, PA
Dr. Edward J. Miller, Jefferson
Dr. Frank J. Miller, Chattanooga, TN
Mr. Gary N. Miller, Novato, CA
Mr. and Mrs. Harold W. Miller, Raleigh
Dr. Harry J. Miller, Evanston, IL
Dr. John H. Miller, Bartow, FL
Mrs. Jonni J. Miller, Charlotte
Mr. and Mrs. L. R. Miller, Salisbury
Ms. Linda Miller, Wilson
Ms. Martha E. Miller, Salisbury
Dr. Michael E. Miller, Franklin, TN
Mr. and Mrs. Raymond Miller, Biscoe
Dr. Stephen M. Miller, Greensboro
Dr. W. Stacy Miller, Raleigh
Ms. Martha C. Millikan, Greensboro
*Mr. and Mrs. J. H. Millis, Sr., High Point
Dr. Steven R. Mills, Fairfax Station, VA
Ms. Julia Taylor Milton, Greensboro
Mina's Studio, Inc., Chapel Hill
Mr. and Mrs. Thomas D. Mincher, Greensboro
Mr. and Mrs. William E. Miner, Sunset Beach
Dr. Rudolph Ivey Mintz, Jr., Kinston
Mr. and Mrs. Sam Miriello, Dunn
Dr. Alexander C. Mitchell, Frenchtown, NJ
Ms. Betsy B. Mitchell, Zebulon
Dr. Edward L. Mitchell, Prospect, KY
Mr. and Mrs. H. Mitchell, Jr., Raleigh
Mr. Moiry E. Mitchell, Chapel Hill
Mr. and Mrs. Monier E. Mitchell, Goldsboro
Mr. and Mrs. R. Mitchell, Jr., Chapel Hill
Dr. S. Ray Mitchell, Alexandria, VA
Dr. Stephen Basil Mitchell, Morehead, KY
Ms. Tanya L. Mitchell, Charlotte
Dr. Willis B. Mitchell, Hendersonville
Dr. Glenn D. Moak, Indianapolis, IN
Mr. and Mrs. David H. Mobley, Palo Alto, CA
Mocksville Davey Jaycees, Mocksville
Mrs. Peter A. Modrow, Raleigh
Dr. Paul L. Molina, Jr., St. Louis, MO
Molly Macguire's, Inc., Chapel Hill
Mr. Alfred M. Moncla, III, Cary
Dr. Edwin W. Monroe, Greenville
Dr. John H. Monroe, Winston-Salem
*Dr. John L. Monroe, Pinehurst
Dr. and Mrs. John T. Monroe, Chapel Hill
Mr. and Mrs. W. Paul Monroe, Hickory
Dr. Mark Donald Monson, Spartanburg, SC
Montaldo's, Raleigh
Montgomery Motors, Troy
Moody, Strople & Kloeppel, Ltd., Portsmouth, VA
Mr. and Mrs. R. B. Moody, Jr., Greensboro
Mrs. Bernice P. Moore, Reidsville
Mr. and Mrs. C. J. Moore, Washington
Dr. David H. Moore, Durham
Ms. Elizabeth V. Moore, Edenton
Mr. and Mrs. James O. Moore, Charlotte
Ms. Marty Moore, Charlotte
Dr. Michael A. Moore, Danville, VA
Ms. Michele J. Moore, Durham
Mrs. Nancy P. Moore, Chapel Hill
Mrs. Nay M. Moore, Greensboro
Ms. Patricia Moore, Charlotte
Mrs. Ralph C. Moore, Raleigh
Mrs. Sallie Moore, Wilson
Mr. Thomas J. Moore, Raleigh
*Dr. Thomas P. Moore, Jacksonville
Mr. Thomas P. Moore, Jr., North Wilkesboro
Dr. and Mrs. Walter H. Moore, Reidsville
Dr. Warren H. Moore, Sugar Land, TX
*Dr. Stewart L. Mooring, Rutherfordton
Mr. John A. Moran, Wilmington
Morehead City Jaycees, Morehead City
Dr. Frank H. Moretz, Asheville
Mr. and Mrs. J. Hayward Morgan, Charlotte
Mr. and Mrs. Eugene Moriarty, Pittsboro
*Dr. A. Sherman Morris, Jr., Asheville
Mr. Bernard J. Morris, Greensboro
Ms. Carol C. Morris, Raleigh
Mr. Kenneth E. Morris, III, New Bern
Mr. and Mrs. Lewis S. Morris, Greensboro
Mr. R. Claiborne Morris, Pinehurst
Ms. Ruth B. Morris, Troy
Mrs. Allison Morrisette, Greensboro
Morrison Youth Institution Jaycees, Hoffman
Dr. Frank C. Morrison, Jr., Canton
Ms. Mary N. Morrow, Chapel Hill
Mr. and Mrs. Robert K. Morrow, Charlotte
Dr. Sarah T. Morrow, Raleigh, DSA '74
Dr. Terry Allen Morrow, Portland, OR
Dr. B. Douglas Morton, III, Macon, GA
Ms. Jacquelyn B. Morton, Charlotte
Mr. and Mrs. H. Taylor Moser, Greensboro
Mrs. James E. Moser, Gastonia
Dr. Wade H. Moser, Jr., Raleigh
Mr. William O. Moser, Brevard
Moses Cone Hospital, Greensboro
Dr. Robert S. Moskalik, Coldwater, MI
Ms. Margaret B. Moss, Raleigh
Mr. and Mrs. Charles Mounce, Burlington
Ms. Eris Mounce, King
Mount Airy Jaycees, Mount Airy
Mount Olive Church of Christ, Belhaven
Mrs. Diana N. Muir, Cary
Mr. Alastair Lennox Muirhead, Hillsborough
Ms. Margaret M. Muirhead, Chapel Hill
Mr. and Mrs. John Mullins, Jr., Greensboro
Mrs. Linde L. Mullis, Charlotte
Dr. Gerald G. Mulvaney, Raleigh
Mrs. Marion T. Munn, Pittsboro
Mr. and Mrs. Jack F. Munroe, Jr., Raleigh
Dr. Shigio Murayama, Chapel Hill
Mr. Wallace C. Murchison, Wilmington
Dr. James J. Murphy, Arden
Dr. Myrlin L. Murphy, Chapel Hill
Mr. Terrance P. Murphy, Chapel Hill
Mrs. Deborah P. Murray, Raleigh
Dr. Hugh G. Murray, Atlanta, GA
Mrs. Hugh H. Murray, Raleigh
Dr. and Mrs. John Murray, Durham
Ms. Katherine Louise Murray, Gainesville, FL
Dr. Robert L. Murray, Roanoke, VA
Mr. and Mrs. Paul Mushak, Durham
Mr. and Mrs. Brevard S. Myers, Charlotte
Mr. Charles F. Myers, Jr, Greensboro
Mr. and Mrs. Raymond E. Myers, Greensboro
Dr. and Mrs. Richard S. Myers, Raleigh
Mr. and Mrs. Scott M. Nadel, Greensboro
Dr. and Mrs. B. R. Nagy, Charlotte
Ms. Denise L. Nahrgang, Charlotte
Mr. Tommy Lee Nasekos, Charlotte
Mrs. Edgar Nash, Chapel Hill
Dr. Hrudaya Nath, Birmingham, AL
Dr. Henry P. Nathan, Clyde
National Association of Retired Federal Employees, Greensboro
Ms. Virginia H. Nave, Pinehurst
*N.C. Association of Electric Cooperatives, Raleigh
N.C. Foam Industries, Inc., Mount Airy
N.C. J.C. Cardinal Corps, Raleigh
N.C. State Firemans Ladies Auxiliary, Edenton
N.C. Vocational Textile School, Belmont
NCNB Corp. Charities, Charlotte
*Dr. W. Ronald Neal, Greensboro
Dr. William A. Nebel, Chapel Hill
Dr. David B. Neeland, Montgomery, AL
Ms. Diane M. Negra, Chapel Hill
Mr. and Mrs. Charlie Nelson, Chapel Hill
Mr. George Nelson, Carrboro
Dr. Luther S. Nelson, Amarillo, TX
Dr. Pamela A. Nelson, Raleigh
Mr. and Mrs. R. S. Nelson, Greensboro
Col. and Mrs. Robert Neman, Jr., Burlington
Network Information Services, Inc., Greensboro
*Mr. Cecil H. Neville, Jr., Pinehurst
New Chance Jaycees, Rocky Mount
Mr. Elliott H. Newcombe Jr., Charlotte
*New Hope Firemans Fund, Raleigh
Dr. Cassandra F. Newkirk, Atlanta, GA
Ms. Helen C. Newman, Charlotte
The News and Observer, Raleigh
Mr. and Mrs. Charles A. Newsom, Troy
Dr. A. Ray Newsome, Winston-Salem
*Mrs. Alice Newsome, Chapel Hill
Ms. Lindsay S. Newson, Raleigh
Dr. Dale A. Newton, Tarboro
Mr. and Mrs. Paul F. Nicholasen, Wilmington
*Col. and Mrs. Erickson S. Nichols, Charlotte
Dr. Harold A. Nichols, Greensboro
Dr. William W. Nichols, Knoxville, TN
Mr. Charles P. Nicholson Jr., Morehead City
Ms. Gloria L. Nicholson, Chapel Hill
Dr. James E. Nicholson, III, Williamston
Dr. Wanda Kay Nicholson, Durham
Mr. and Mrs. Charley Nickerson, Fair Haven, NJ
Ms. Katheryn H. Nigh, Greensboro
Dr. Richard A. Niles, Lynchburg, VA
Mr. W. Olin Nisbet, III, Charlotte
Dr. Richard C. Noble, Raleigh
Dr. and Mrs. F. Norcross, Gastonia

Dr. Edward A. Norfleet, Chapel Hill
Dr. Michael Elliott Norins, Greensboro
Mr. and Mrs. W. T. Norman, Greensboro
Mr. George Knox North, Pompton Lakes, NJ
North Davidson Jaycees, Apex
North Hills, Inc., Raleigh
Mr. and Mrs. Frank Northup, Sanford
Ms. Jean Norwood, Chapel Hill
Mr. and Mrs. Fred S. Nover, Greenville
Dr. Max M. Novich, Edison, NJ, DSA '72
Nowell & Co., Wilson
Ms. Harriet D. Nowell, Raleigh
Dr. Sylvanus W. Nye, Kinston
Dr. C. Rex O'Briant, Dallas, TX
Mr. and Mrs. G. O' Brien, Jr., Greenville, SC
Ms. Adelaide M. O'Connell, Arlington, VA
Dr. and Mrs. Larry O'Connell, Sanford
Mr. and Mrs. George O'Fallon, Greensboro
Ms. Barbara M. O'Herron, Raleigh
Mrs. Margaret B. O'Herron, Charlotte
Dr. and Mrs. Ed O'Keefe, Chapel Hill
Mr. and Mrs. Brian A. O'Leary, Charlotte
Mr. and Mrs. Frederick B. O'Neal, Raleigh
Mr. Wilhelm B. O'Neal, Raleigh
Dr. T. Michael O'Shea, Jr., Winston-Salem
Mr. and Mrs. Andrew O'Sullivan, Sanford
Mr. and Mrs. John H. Oakes, Charlottesville, VA
Dr. Anne D. Oakley, Camphill, PA
Mr. Ward S. Oakley, Pinehurst
Mr. and Mrs. Rice B. Ober, Gleneden Beach, OR
Mr. Eugene C. Ochsenreiter, Jr., Asheville
Dr. Luther W. Oehlbeck, Jr., La Belle, FL
Mr. John Wills Oglesby, Franklin, TN
Dr. and Mrs. David Olin, Greensboro
*Mr. and Mrs J. Harvey Oliver, Jr., Fayetteville
Dr. Mohamed A. Omran, Carmichael, CA
Onslow County Jaycees, Jacksonville
Onslow County Medical Society, Jacksonville
Onslow Women's Health Center, Jacksonville
Dr. David Ontjes, Chapel Hill
Ora Designers and Jewelers, Raleigh
Order of the Eastern Star, Gatesville
Oregon Hill Vol. Fire Dept., Eden
Ms. Dolly D. Orgain, Farmville, VA
Dr. T. Lane Ormand, Monroe
Dr. Eugene P. Orringer, Chapel Hill
Mr. and Mrs. John F. Orsi, Charlotte
Dr. David W. Ortbals, Chesterfield, MO
Mrs. Cary C. Owen, Asheville
Dr. Duncan S. Owen, Jr., Richmond, VA
Dr. James W. Owen, Troy
Dr. Harold B. Owens, Danville, VA
Ms. Lisa M. Owens, Chapel Hill
*Mrs. Patricia C. Owens, Chapel Hill
Dr. William L. Owens, Clinton
Dr. Zack D. Owens, Elizabeth City
Ms. Rachel P. Pace, Wilmington
Dr. Richard Cameron Padgett, Iowa City, IA
Ms. Sherry S. Padgett, Charlotte
Dr. and Mrs. Joseph Pagano, Chapel Hill
Mr. H. Dwight Page, Greenville, TN
Dr. Harvey A. Page, Pikeville, KY
Mrs. Robert J. Page, Chapel Hill
*Mr. and Mrs. William H. Page, Washington
Mr. and Mrs. William Page, Jr., Kinston
Dr. Henry E. Parfitt, Jr., Fayetteville
Dr. S. Malone Parham, Henderson
*Mr. William E. Parham, Smithfield
Mr. William N. Parham, Pinehurst
Mr. John A. Park, Jr., Raleigh
Ms. Margaret D. Park, Charlotte
Dr. James C. Parke, Jr., Charlotte
Mrs. Betty Anne Parker, Raleigh
Ms. Carolyn H. Parker, Chapel Hill
Mrs. Charlotte T. Parker, Raleigh
Ms. Constance N. Parker, Wilmington
Mr. and Mrs. Francis I. Parker, Charlotte
Dr. Martha E. Parker, Weaverville
Drs. Paul M. and Ruth M. Parker, Atlanta, GA
Mr. and Mrs. Scott Parker, Jr., High Point
Ms. Jane Parrish, Charlotte
Mr. and Mrs. O. H. Parrish, Jr., Richmond, VA
Mr. and Mrs. Richard E. Parrish, Charlotte
Dr. and Mrs. Walter B. Parrish, Raleigh
Dr. Carol A. Parrot, Seattle, WA
Dr. James S. Parsons, Raleigh
Dr. Cornelius T. Partrick, Washington
Mr. and Mrs. Donald H. Partridge, Ballston Spa, NY
Dr. and Mrs. George Paschal, III, Raleigh
*Mrs. Beverley L. Pate, Raleigh
Dr. Carl D. Pate, Jr., Beulaville
Dr. Dewey H. Pate, Raleigh
Dr. Eugene Wesley Pate, Jr., Kinston
Dr. J. Lloyd Pate, Raleigh
Pathology Services, Scottsboro, AL
Dr. George B. Patrick, Jr., Silver Springs, MD
Mr. and Mrs. Donald S. Patterson, Chapel Hill
Dr. James B. Patterson, Burlington
Mr. John McL. Patterson, Wilmette, IL
Dr. and Mrs. Jerry Patterson, Chapel Hill
*Mrs. Julia Patterson, Chapel Hill
Mr. Earl V. Patterson, Jr., Baton Rouge, LA
Mr. and Mrs. Macon G. Patton, Greenville, SC
Ms. Patricia A. Payne, Charlotte
Dr. Robert B. Payne, Mooresville
Mr. Carver J. Peacock, Durham
Dr. James E. Peacock, Jr., Winston-Salem
Dr. Mark D. Peacock, Mooresville
Mr. and Mrs. Buck Pearce, Greensboro
Dr. David C. Pearce, Williamsburg, VA
Mr. and Mrs. Edwin Pearce, Jr., Greensboro
Ms. Carolyn P. Pearsall, Chapel Hill
Dr. David W. Pearsall, Jr., Greenville
Mr. and Mrs. Norman Pease, Jr., Charlotte
Peat Marwick Main & Co., Raleigh
Dr. James G. Peden, Jr., Greenville
Dr. and Mrs. Cort Andrew Pedersen, Pittsboro
Dr. James H. Peedin, Jr., Burgaw
*Mrs. Elbert S. Peel, Jr., Raleigh
Dr. Mark E. Peele, Steilacom, WA
Mr. Stanley T. Pemberton, Cary
Mr. and Mrs. Wade H. Penny, Jr., Durham
Mr. Howard A. Penton, Jr., Wilmington
*Peoples Bank and Trust Co., Rocky Mount
Peoples Security Life Insurance Co., Durham
Dr. Francis D. Pepper, Jr., Winston-Salem
Mr. and Mrs. William E. Perdew, Wilmington
Mr. George H. Perkins, Durham
Dr. Edward R. Perl, Chapel Hill
Ms. Marjorie P. Perl, Chapel Hill
Dr. Louis M. Perlmutt, Chapel Hill
Perquimans County Jaycees, Hertford
Dr. J. Olin Perritt, Jr., Wilmington
Mr. and Mrs. David R. Perry, Chapel Hill
Ms. Delia M. Perry, Troy
Ms. Gertrude G. Perry, Chapel Hill
Mr. and Mrs. Hugh P. Perry, Sanford
Dr. Joan T. Perry, Kinston
Dr. Hugh D. Petersen, Chapel Hill
Mr. and Mrs. Wayne Peterson, Tarboro
Dr. and Mrs. Thomas D. Petes, Chapel Hill
Pfafftown Jaycees, Pfafftown
Pharmacia LKB Biotechnology, Inc., Pisca Taway, NJ
*Pharr Foundation, McAdenville
Pharr Yarns, Inc., McAdenville
Mrs. Catherine Pharr, McAdenville
Dr. and Mrs. Cherly M. Pharr, Williamsburg, VA
Phi Delta Theta, Chapel Hill
Mrs. Mary Adair Phifer, Morganton
Mr. and Mrs. Gary Phillips, Rocky Mount
Mr. H. H. Phillips, Tarboro
*Dr. Herbert O. Phillips, IV, Webster
Mr. and Mrs. J. Dickson Phillips, Chapel Hill
Mr. and Mrs. Joseph B. Phillips, Jr., Chapel Hill
Ms. Marion Phillips, Chapel Hill
Ms. Olivia W. Phillips, Pinehurst
Mr. and Mrs. Sam H. Phillips, Candor
Mr. Vincent C. Phillips, Carrboro
*Mr. and Mrs. Hubert J. Philpott, Lexington
Dr. Carl S. Phipps, Winston-Salem
Ms. Elizabeth H. Phipps, Greensboro
Phoenix Radiology Ltd., Van Nuys, CA
Mr. and Mrs. Howard Phykitt, Wilson
*Pi Kappa Phi, Chapel Hill
Dr. and Mrs. James R. Pick, Pittsboro
Mr. and Mrs. Loyd Ray Pickard, Raleigh
Pickett-Sprouse Realtors, Durham
Dr. and Mrs. Jerry C. Pickrel, Elizabeth City
Ms. Marie L. Pierce, Edenton
Mr. and Mrs. Robert Piercecchi, Pittsboro
Dr. George H. Pierson, Jr., Greensboro

First-year students (from foreground) Eric Bachman, Laura Murray and Kendrick Jeong

Dr. Carl Pigman, Whitesburg, KY
*Floyd S. Pike Electrical, Mount Airy
Dr. Michael R. Pike, Cary
Dr. and Mrs. J. Pillai, Gastonia
Mr. and Mrs. Gerald L. Piper, Greensboro
Mrs. Willis Benton Pipkin, Reidsville
Mr. Gerry Pispiolis, Charlotte
Dr. William R. Pitser, Winston-Salem
Mr. Lawrence J. Pittman, Arden
Dr. William B. Pittman, Rocky Mount
Ms. Elizabeth C. Pitts, Charlotte
*Mrs. Morton Pizer, Raleigh
*Planters National Bank, Rocky Mount
Pleasants Hardware Co., Winston-Salem
Mr. and Mrs. J. Pleasants, Jr., Durham
Dr. Peter L. Pleasants, Providence, RI
Dr. George W. Plonk, Kings Mountain
Mr. and Mrs. Hal K. Plonk, Goldsboro
Ms. Barbara D. Plumlee, Charlotte
Ms. Carol A. Plummer, Buzzards Bay, MA
Dr. Gary T. Podgorski, Columbia, TN
Mr. and Mrs. Charles A. Poe, Raleigh
Ms. Helen Bruton Poe, Troy
Mr. and Mrs. Boyd Poisel, Raleigh
Mr. and Mrs. F. R. Poisson, Charlotte
Mrs. Viola W. Poisson, Wilmington
Dr. Timothy C. Poirer, Melbourne, FL
Mr. Henry H. C. Poliakoff, Little Neck, NY
Ms. Margaret B. Pollard, Moncure
Mr. William Sprott Pollitzer, Chapel Hill
Mrs. Suzanne B. Pollock, Raleigh
Mrs. Anna A. Ponte, Cary
Dr. Michael L. Pool, Knoxville, TN
Mr. Dale S. Poole, Durham
Mr. and Mrs. Samuel H. Poole, Raleigh
*Mr. and Mrs. J. Gregory Poole, Jr., Raleigh
*Mrs. J. Gregory Poole, Sr., Raleigh
Ms. Tammy W. Poole, Middlesex
Ms. Wanda G. Poole, Greensboro
*Mrs. Claude E. Pope, Raleigh
Mr. and Mrs. Winfried J. Pope, Greensboro
Dr. Cedric W. Porter, Jr., Asheville
Mr. and Mrs. Stanley P. Porter, Pinehurst
Mr. Allen W. Post, Jr., Atlanta, GA
Mrs. Barbara K. Post, Chapel Hill
Dr. Duncan S. Postma, Tallahassee, FL
Ms. Dorothy C. Poteat, Cedar Grove
Dr. Jack B. Potter, Jr., Atlanta, GA
Mr. and Mrs. W. F. Potts, Jr., Charlotte
Dr. Charles H. Powell, South Daytona Beach, FL
Dr. and Mrs. Don W. Powell, Chapel Hill
Mr. Jackie W. Powell, Drexel
Dr. R. Randolph Powell, Fox Point, WI
Mr. and Mrs. T. Powell, Sr., Elizabeth City
Dr. W. Ernest Powell, Mars Hill
Mr. and Mrs. James B. Powers, Rocky Mount
Mr. Mark A. Powers, Durham
Mr. Roy D. Powers, Greensboro
George Smedes Poyner Fdn Inc., Raleigh
Dr. Donna L. Prather, Carrboro
Ms. Rebecca H. Pratt, Troy
Mr. and Mrs. Jimmy R. Preslar, Troy
Dr. Timothy Andrew Presnell, Richlands, VA
Dr. David L. Pressly, Statesville
*Dr. Thomas L. Presson, Greensboro
Dr. and Mrs. Edwin T. Preston, Chapel Hill
Ms. Louise M. Preston, Wiandotte, MI
Ms. Jane B. Preyer, Carrboro
Mr. and Mrs. Norris W. Preyer, Charlotte
Mr. Charles R. Price, Jr., Asheville
Dr. and Mrs. H. Craig Price, Raleigh
Mr. Lu Price, Greensboro
Ms. Sue W. Price, Selma
Dr. R. Kirby Primm, Wenatchee, WA
Dr. Joseph R. Pringle, Jr., Burlington
Mr. and Mrs. W. Pritchard, Jr., Henderson
*Dr. Douglas Privette, Greenville
Mr. T. G. Proctor, Jr., Sanford
Professional Beauty Salon, Chapel Hill
Dr. William R. Proffit, Chapel Hill
Mrs. Dana W. Pruette, Kernersville
Dr. Ronald E. Pruitt, Nashville, TN
Mr. and Mrs. Barry G. Pruss, Chapel Hill
Drs. Walter & Katherine Pryzwansky, Chapel Hill
Louis E. Pucillo, Inc., Raleigh
Mr. Oliver B. Pugh, Lynchburg, VA
Mr. and Mrs. Larry W. Pulec, Longmont, CO
Mr. and Mrs. Lucius W. Pullen, Raleigh
Dr. Rose Pully, Kinston, DSA '75
Ms. Caroline M. Punte, Chapel Hill
Mr. and Mrs. Eugene Purdom, Greensboro
Mr. and Mrs. W. H. Purgason, Greensboro
*Dr. and Mrs. Elliot M. Puritz, St. James, NY
Purple Puddle, Inc., Chapel Hill
Ms. Charlotte S. Purrington, Raleigh
Mr. and Mrs. A. Purrington, Jr., Raleigh
Ms. Regina Rabinovich, Chapel Hill
Dr. Wayne Rackoff, Philadelphia, PA
Radiology & Nuclear Medicine Associates, Lebanon, TN
Dr. Catherine M. Radovich, Tsaile, AZ
Dr. Elizabeth V. Raft, Durham
Mr. W. Trent Ragland, III, Raleigh
*Mr. and Mrs. W. Trent Ragland, Jr., Raleigh
Mr. Sandeep Rahangdale, Fayetteville
Dr. and Mrs. Richard Rahija, Chapel Hill
Ms. Nina H. Raine, Charlotte
Dr. Petrie M. Rainey, Hamden, CT
Raleigh Jaycees, Raleigh
Mr. and Mrs. E. M. Rallings, Greensboro
Mr. and Mrs. J. M. Ramsay, Jr., Asheboro
Mr. and Mrs. John E. Ramsay, Jr., Raleigh
Mr. and Mrs. Anthony Rand, Fayetteville
Dr. Cecil H. Rand, Jr., Greenville
Ms. Nancy H. Rand, Durham
*Mr. W. Kenan Rand, Jr., Durham
Randleman Jaycees, Randleman
Randolph County Jaycees, Raleigh
*Mr. Julian H. Raney, Chapel Hill
Mrs. Nancy OH Rankin, Charlotte
Mr. and Mrs. R. P. Rankin, Jr., Charlotte
Dr. and Mrs. Richard E. Rankin, Mount Holly
Mr. Eyrtle Ray "Butch" Ransom, Jr., Goldsboro
Dr. Edwin A. Rasberry, Jr., Wilson
Mr. and Mrs. J. P. Rascoe, Windsor
Mr. and Mrs. Michael L. Rash, Cary
Mr. and Mrs. Melvin Rashkis, Chapel Hill
Dr. and Mrs. Lewis Rathbun, Asheville
Ms. Julia M. Ratliff, Rockingham
Mrs. Allen B. Ray, Cary
Ms. Betty Henry Ray, Delray Beach, FL
Mrs. Elizabeth N. Ray, Greensboro
Ms. Robin Raymer, Chapel Hill
Mr. and Mrs. Hurley P. Raynor, Raleigh
*Ms. Carey M. Read, Lumberton
Ms. Jo Ann R. Read, Durham
Mr. J. Milton Read, Jr., Durham
Dr. Marjorie S. Read, Durham
Mr. Reanis, Greensboro
Mr. and Mrs. R. L. Rearden, Jr., Atlanta, GA
Dr. Leonard E. Reaves, III, Fayetteville
Dr. Wilton M. Reavis, Jr., Lakeland, FL
Mr. and Mrs. Harold H. Reddick, Youngsville
Dr. Robert L. Reddick, Durham
Dr. Ramachandra P. Reddy, Henderson
Dr. Kenneth G. Reeb, Chapel Hill
Dr. Charles N. Reed, Hickory
Dr. John H. Reed, Gainesville, GA
Dr. and Mrs. Mark Reed, III, Chapel Hill
Dr. David J. Reese, II, Alexandria, VA
Reeves Foundation, Summit, NJ
Mrs. Elizabeth Lovejoy Reeves, Chapel Hill
Mrs. Sarah Crosby Reeves, Sanford
Mr. and Mrs. John F. Register, Greensboro
Mr. and Mrs. Graham Reich, Jr., Columbia, SC
Ms. Carlyne H. Reid, Candor
Mr. and Mrs. Charles M. Reid, Greensboro
Ms. Etheleen B. Reid, Elizabeth City
Mr. W. W. Reid, III, Pinehurst
Reidsville Fire Department, Reidsville
Ms. Betty P. Reigot, Chapel Hill
Mr.and Mrs. Desmond M. Reilly, Pittsboro
Ms. Faith G. Reilly, Pittsboro
Dr. Howard M. Reisner, Durham
*Dr. and Mrs. David A. Rendleman, III, Raleigh
Mr. and Mrs. John Renger, Charlotte
Dr. Sandra M. Renwick, Carrboro
Dr. Sheldon M. Retchin, Richmond, VA
Dr. Frank R. Reynolds, Wilmington, DSA '78
Ms. Geneva S. Reynolds, Eden
Ms. Grace B. Reynolds, Troy
Ms. Ila W. Reynolds, Troy
Ms. Linda Reynolds, Fort Mill, SC
Dr. John O. Reynolds, Jr., Salisbury
Mr. and Mrs. W. Reynolds, III, Charlotte
Mr. Harold Rhodes, Stoneville
Dr. J. Flint Rhodes, Raleigh
Estate of Dr. John S. Rhodes, Raleigh
Dr. Paul H. Rhodes, Denver, CO
Mr. and Mrs. Thomas J. Rhodes, Wilson
Ms. Anna C. Rhyne, Statesville
Mr. and Mrs. Charles D. Rice, Madison
Mrs. Karen K. Rice, Raleigh
Ms. Martha Rice, Chapel Hill
Ms. Patti L. Rice, Charlotte
Dr. James F. Richards, Jr., Orlando, FL
Dr. Aubrey D. Richardson, Baltimore, MD
Dr. Bobby A. Richardson, Ocala, FL
*Mrs. C. V. Richardson, Star
*Dr. G. Irvin Richardson, Reidsville
Mr. and Mrs. Joseph Richardson, Star
Mrs. Phoebe B. Richardson, Laurinburg
Mr. and Mrs. Thomas Richardson, Gastonia
Mr. and Mrs. William Richardson, Sanford
Y. Richardson Mem. Cancer Fund, Fayetteville, AR
*Dr . William A. Richey, New Bern
Dr. Charles H. Richman, Saratoga Springs, NY
Richmond County Jaycees, Rockingham
Mr. J. P. Riddle, Fayetteville, DSA '80
Ms. Marjorie H. Riddle, Carrboro
Ms. Lorraine Z. Riggins, Pinetops
Mr. and Mrs. W. E. Riley, Jr., Chapel Hill
Ms. Carol Rimmer, Troutman
Mr. Clifford A. Rinehart, Jr., Carrboro
Mr. and Mrs. Dana P. Ripley, Durham
Dr. and Mrs. D. L. Ritch, Charlotte
Mrs. Harold A. Ritchie, Troy
Mr. and Mrs. Jay Rivers, Charlotte
Dr. Shirley L. Rivers, Tucson, AZ
Mr. and Mrs. W. J. Rives, High Point
Roads End Farms, Troy
Roanoke Rapids Firemans Wives Auxiliary, Roanoke Rapids
Roanoke Rapids Jaycees, Roanoke Rapids
Mrs. Myrtle L. Robbins, Mooresville
Mr. and Mrs. Richard D. Robbins, Chapel Hill
Ms. Tula Carter Robbins, Raleigh
Mr. and Mrs. H. Roberson, Jr., Edenton
Mr. Fletcher H. Roberts, Hendersonville
Dr. Harold R. Roberts, Chapel Hill
Dr. Joseph E. Roberts, Jr., Greensboro
Dr. and Mrs. Louis Roberts, Durham
Mr. and Mrs. W. T. Roberts, Atlanta, GA
Ms. Marie P. Robertson, Williamston
Mr. and Mrs. T. B. Robertson, Charlotte
Ms. Wyndham Robertson, Chapel Hill
Ms. Angela C. Robinson, Flat Rock
Dr. Charles W. Robinson, III, San Antonio, TX
Dr. James H. Robinson, Wilmington
Dr. Joe Robinson, Oak Ridge
Ms. Kelley A. Robinson, Charlotte
Mrs. Martha McDonald Robinson, Charlotte
Mr. and Mrs. Ralph Robinson, Sr., Gastonia
Mrs. Ralph S. Robinson, Jr., Gastonia
Dr. Randy G. Robinson, Greenwood, SC
Ms. Sally D. Robinson, Charlotte
Mrs. W. B. Robinson, Troy

Mr. and Mrs. F. L. Robuck, Jr., Raleigh
Ms. Judith L. Rochelle, Kinston
Mr. and Mrs. John D. Rock, Louisburg
Mr. and Mrs. E. J. Rockencharlie, Charlotte
Rocky Mount Fire Dept. Ladies Auxiliary, Rocky Mount
Rocky Mount Fire Dept., Rocky Mount
Dr. Oliver F. Roddey, Jr., Charlotte
Mr. and Mrs. H. Rodgers, III, Baltimore, MD
Dr. Catherine M. Rodovich, Tsaile, AZ
Dr. C. Stewart Rogers, Greensboro
*Dr. C. William Rogers, Lebanon, TN
Mrs. Dorothy S. Rogers, Greensboro
*Florence Rogers Charitable Trust, Fayetteville
Mr. and Mrs. Larry B. Roland, Greensboro
Mr. Phil Rominger, Chapel Hill
Dr. Mary M. Rood, Raleigh
Dr. Albert Lonsdale Roper, II, Norfolk, VA
Dr. and Mrs. John T. Roper, Charlotte
Ms. Marilyn B. Roper, Earlysville, VA
Rorer Pharmaceutical Corp.
Mr. and Mrs. Arthur M. Rose, Belmont
Mr. and Mrs. Charles Rose, Henderson
Mr. David C. Rose, Henderson
Mr. and Mrs. Kenneth F. Rose, Chapel Hill
Mr. and Mrs. Robert Rosenbacher, Chapel Hill
Ms. Rachel A. Rosenfeld, Chapel Hill
Dr. and Mrs. Dennis Warren Ross, Chapel Hill
Dr. Donald Price Ross, Tequesta, FL
Mrs. Elizabeth Ross, Washington
Dr. William L. Ross, Jr., Kensington, MD
The Hon. Julius Rousseau, Jr., North Wilkesboro
Mr. and Mrs. D. C. Routh, Greensboro
Mr. and Mrs. John B. Row, Pittsboro
Rowe Corporation, Charlotte
Dr. A. Stevens Rubin, Jr., Chatsworth, CA
Mr. Harvey B. Ruffin, Wilson
Mr. Thomas Ruffin, Jr., Greensboro
*Dr. William C. Ruffin, Jr., Gainesville, FL
Dr. Teresa A. Rummans, Rochester, MN
Mr. and Mrs. Laurence P. Runyon, Jr., Reidsville
Rural Hall Jaycees, Rural Hall
Dr. and Mrs. Jerome Ruskin, Greensboro
Mr. and Mrs. B. F. Russell, Troy
Dr. Thomas F. Russell, Chicago, IL
Mr. and Mrs. Charles E. Russell, Troy
Ms. Gay R. Russell, Troy
Dr. Howard L. Russell, Oakland, CA
Ms. Joan B. Russell, Troy
Mr. and Mrs. John J. Russell, Mount Gilead
Mr. John J. Russell, Jr., Mount Gilead
Dr. Joseph D. Russell, Wilson
Mr. Larry James Russell, Jr., Troy
Ms. Miriam L. Russell, Troy
Ms. Oma Taylor Russell, Wrightsville Beach
Mr. and Mrs. Rebecca Russell, Troy
Mr. Todd S. Russell, Troy
*Dr. Lincoln D. Russin, Westfield, MA
Mr. and Mrs. Carl K. Rust, II, Wilmington
Dr. and Mrs. Richard D. Rust, Chapel Hill
Mr. and Mrs. David C. Ruth, Hope Mills
*Dr. William H. Ryan, Dallas, TX
Mr. and Mrs. David Sabiston, Jr., Durham
Mr. and Mrs. Louis Saco, Lakeland, FL
Mr. and Mrs. Sidney W. Safrit, Mount Gilead
Dr. Mehrdad M. Sahba, Durham
Dr. Fletcher D. Sain, Rocky Mount
Mr. Paul L. Salisbury, Jr., Raleigh
Mr. and Mrs. R. M. Salisbury, Charlotte
Dr. Lyle S. Saltzman, Satellite Beach, FL
Sampson Internal Medicine, P.A., Clinton
Mr. Arthur R. Sams, Jr., Charlotte
Mr. Johnny L. Sams, Mountain Home
*Dr. W. Ray Samuels, Charlotte
Dr. Carole W. Samuelson, Birmingham, AL
Dr. Aziz Sancar, Carrboro
Ms. Janet H. Sanchez, Raleigh
Sand Hills Jaycees, Aberdeen
Mr. and Mrs. Don P. Sanders, Greensboro
Dr. Natalie L. Sanders, Pasadena, CA
Dr. Rachel J. Sanders, Juneau, AK
Dr. Nat H. Sandler, Lexington, KY
Mr. and Mrs. Arthur Sandman, Raleigh
Mr. Michael G. Sandman, Raleigh
Sandoz Pharmaceutical, Hanover, NJ
Sandy Ridge Farms, Candor
Sanford Jaycees, Sanford
Dr. William G. Sanford, Winston-Salem
Dr. and Mrs. Paul Sarazen, Shelby
Ms. Patricia S. Sargent, Raleigh
Mr. Ralph F. Sarlin, Liberty, SC
Ms. Janet D. Sarn, Gastonia
Mr. and Mrs. Steven Sartorio, Raleigh
Dr. and Mrs. Randall K. Sather, Chapel Hill
Mrs. Daniel Satisky, Raleigh
Mr. Howard P. Satisky, Raleigh
Dr. Mary A. Saunders, Springfield, IL
Dr. Natalie L. Saunders, Pasadena, CA
Dr. Timothy G. Saunders, Charlotte
Mr. and Mrs. Alfred Saupe, Convent Station, NJ
Mr. and Mrs. R. D. Saussy, Jr., Charlotte
Dr. Suzanne Van Houten Sauter, Chapel Hill
Dr. and Mrs. Charles J. Sawyer, III, Ahoskie
Dr. John W. Sawyer, Greensboro
Dr. William Floyd Sayers, Jr., Winston-Salem
Dr. D. Emerson Scarborough, Jr., Raleigh
Dr. James H. Scatliff, Chapel Hill
Ms. Marjorie H. Schafer, Raleigh
Dr. Eric S. Scharling, Lewisville
*The Schechter Foundation, Inc., Kinston
Mr. and Mrs. Ed Schenck, Charlotte
*Mr. Paul W. Schenck, Jr., Greensboro
Ms. Linda Scher, Raleigh
Mr. Steven A. Schichman, Chapel Hill
Dr. Ernest L. Schiller, Greensboro
Dr. and Mrs. Peter A. Schlesinger, Roseville, MN
Ms. Barbara J. Schmidt, Pittsboro
Ms. Edna C. Schmidt, Greensboro
Dr. Roland E. Schmidt, Chapel Hill
*Dr. Roland E. Schneckloth, Reidsville
Dr. John M. Schoffstall, Philadelphia, PA
Mr. and Mrs. James R. Schreiber, Chapel Hill
Mr. James R. Schreiber, Durham
Mr. and Mrs. Winston J. Schuler, Harbor Springs, MI
Schwan's Sales Enterprises, Marshall, MN
Ms. Eileen F. Schwartz, Raleigh
Mr. and Mrs. Herbert Schwartz, Raleigh
Ms. Barbara D. Scott, Charlotte
Mrs. Carol L. Scott, Troy
Mrs. Eleanor F. Scott, Raleigh
Dr. and Mrs. J. Scott, Mount Holly
Mr. John G. Scott, Greensboro
Dr. Peter S. Scott, Burlington
Dr. Samuel E. Scott, Burlington
Ms. Ellen B. Scouten, Pittsboro
Mr. and Mrs. B. F. Seagle, III, Charlotte
Mrs. Margaret M. Sealy, Madison
Mrs. Mary F. Seaman, Nebo
Mr. and Mrs. Phil Searcy, Marston
Ms. Deborah H. Sears, Pittsboro
Mr. and Mrs. Thomas Sears, Greensboro
Mrs. Alice B. Sebrell, Charlotte
Mr. J. Emmett Sebrell, Charlotte
Mr. C. E. (Red) Sedberry, Biscoe
Dr. Stuart C. Segerman, Atlanta, GA
Dr. Samuel T. Selden, Chesapeake,VA
Dr. Julian W. Selig, Jr., Elizabeth City
Dr. Irl T. Sell, III, Phoenix, AZ
Mrs. Ann G. Sellers, Charlotte
Ms. Marjorie D. Senior, Chapel Hill
Dr. and Mrs. John T. Sessions, Jr., Chapel Hill
Mr. and Mrs. H. Douglas Sessoms, Chapel Hill
Ms. Rossana Severi, Chapel Hill
Ms. Caroline A. Sevier, Greenfield, NH
Dr. Robert English Sevier, Greensboro
Mr. and Mrs. Charles Shaffer, Chapel Hill
Dr. John S. Shahan, Gainesville, FL
Mr. Arthur R. Shain, Chapel Hill
Mr. and Mrs. Lawrence Shapiro, Charlotte
Dr. Ronald B. Shapiro, Indianapolis, IN
Dr. Eugene B. Sharpe, Asheville
Mr. G. H. Sharp, Greensboro
Mrs. Beverly Shavlik, Raleigh
Ms. Betsy J. Shaw, Raleigh
*Mr. and Mrs. Henry M. Shaw, Jr., Raleigh
Mr. and Mrs. John D. Shaw, Chapel Hill
Mr.and Mrs. Robert H. Shaw, Jr., High Point
Mr. and Mrs. Harry Shearer, Raleigh
Ms. Esther S. Shearin, Roanoke Rapids
Dr. William E. Sheely, Alexandria, VA
Ms. Janet B. Sheffield, Greensboro
Dr. Palmer F. Shelburne, Greensboro
*Dr. George F. Sheldon, Chapel Hill
Ms. Ruth B. Sheldon, Greensboro
Mr. and Mrs. W. M. Sheldon, Jr., Greensboro
Ms. Betty S. Shelley, Charlotte
Mr. Martin F. Shelley, Charlotte
Mr. and Mrs. Bernard Shepherd, Greensboro
*Dr. David S. Sheps, Chapel Hill
Dr. David J. Sheridan, Baltimore, MD
Drs. M. Eugene and Susan S. Sherman, Englewood, CO
*Dr. Richard W. Shermer, Chapel Hill
*Mrs. Jean A. Sherrill, Winston-Salem
Ms. Katherine E. Sherrill, Greensboro
Mr. and Mrs. Russell H. Sherrill, Jr., Greensboro
Mrs. Faith Shertz, Raleigh
Dr. Steven R. Sherwin, East Hills, NY
Mr. Thomas A. Shetley, Chapel Hill
Mr.and Mrs. David L. Shields, Ahoskie
Dr. John B. Shinn, Los Altos, CA
Mrs. Joan B. Shirley, Charlotte
Dr. Brian C. Shiro, Wilmington
Mrs. Raleigh A. Shoemaker, Charlotte
Mr. & Mrs. Richard A. Shrader, Chapel Hill
Mr. and Mrs. William R. Shreve, Jr., Kernersville
Mr. and Mrs. A. Pope Shuford, Hickory
Mrs. Beverly G. Shuford, Gastonia
Dr. William F. Shuford, Jr., Wilmington
Mrs. Rosalind L. Shull, Charlotte
Ms. Helen M. Siceloff, High Point
Mr. and Mrs. James W. Sidbury, Charlotte
Dr. Evin H. Sides, III, Raleigh
Mr. and Mrs. Kent Siefkes, Raleigh
*Siemens Hearing Instruments, Inc., Piscataway, NJ
Sigma Alpha Epsilon, Chapel Hill
Dr. J. Lewis Sigmon, Jr., Cornelius
Dr. Richard L. Sigmon, Jr., Charlotte
Dr. and Mrs. David W. Sillmon, Greensboro
Mr. Gary Silverstein, Charlotte
Mr. and Mrs. John Silverstein, Raleigh
Mr. and Mrs. Edward J. Silvoy, Gastonia
Mr. Doug Simmons and Family, Mt. Olive
Mr. Norman D. Simmons, Goldsboro
Dr. Robert George Simmons, Danville, VA
Ms. Clara and Rachel Simon, Chapel Hill
Mr. and Mrs. Ernest Simons, Jr., Raleigh
Dr. William J. Simons, Cockeysville Hunt, MD
Dr. and Mrs. David H. Simpson, Gastonia
Mrs. W. A. Simpson, Pfafftown
Mr. and Mrs. William Simpson, Greensboro
Mr. and Mrs. W. F. Simpson, Sr., Knoxville, TN
Dr. Arthur I. Sims, Arlington, VA
Mr. Donald L. Sims, Edenton
Mr. and Mrs. Larry E. Sims, Manassas, VA
Ms. Elizabeth B. Simson, Mount Gilead
Dr. Sara H. Sinal, Winston-Salem
Mr. Daniel G. Sinclair, Chapel Hill
Dr. Andrew M. Singer, Brookline, MA
Mr. and Mrs. C. E. Singleton, Raleigh
Sir Speedy, Cary
Mr. and Mrs. J. Carlyle Sitterson, Chapel Hill
Ms. Lorena S. Skeen, Biscoe
Mr. and Mrs. John E. Skvarla, III, Raleigh
Mr. and Mrs. J. C. Slane, High Point
Mr. and Mrs. John Slate, Jr., High Point
Mr. and Mrs. John G. Slater, Chapel Hill

Mr. and Mrs. Earl F. Slick, Roaring Gap
Dr. and Mrs. James B. Sloan, Wilmington
Mrs. Suzanne R. Sloan, Charlotte
Dr. Beryl Slome, Chapel Hill
Dr. Frank B. Sloop, Jr., Charlottesville, VA
Ms. Barbara W. Slotnick, Greensboro
Mr. and Mrs. Richard W. Sluder, Chapel Hill
Dr. and Mrs. Timothy H. Smelzer, Chapel Hill
Mr. and Mrs. A. Z. Smith, III, Charlotte
Dr. Cameron L. Smith, Greensville
Mrs. Charles Lee Smith, Jr., Raleigh
Dr. Craig A. Smith, Minneapolis, MN
Mr. and Mrs. David M. Smith, Charlotte
Mr. Dean E. Smith, Chapel Hill and Dr. Linnea Smith, Chapel Hill
Mr. E. C. Smith, Jr., Greenville
*Dr. Foyell P. Smith, Lexington
Dr. Gary J. Smith, Durham
Dr. George R. Smith, Shawsville, VA
*Mrs. Gordon Smith, Jr., Raleigh
Dr. Helen E. Smith, Roanoke, VA
Dr. Hermon W. Smith, III, Columbia, MD
Mr. Ira Q. Smith, Durham
Mr. J. Lansing Smith, Wrightsville Beach
Mr. and Mrs. J. McNeill Smith, Greensboro
Mr. and Mrs. James W. Smith, Pinehurst
Dr. Jerry A. Smith, Memphis, TN
*Dr. Jerry E. Smith, Southern Pines
Mr. and Mrs. Kenneth Smith, Jr., Charlotte
Mr. and Mrs. Moyer G. Smith, Chapel Hill
Ms. Patricia L. Smith, Raleigh
Mr. and Mrs. R. Kevan Smith, Charlotte
Mr. and Mrs. Randolph H. Smith, High Point
Mr. and Mrs. Roger Smith, Raleigh
Dr. Roger A. Smith, III, San Bernadino, CA
Mr. and Mrs. S. H. Smith, Jr., Raleigh
Ms. Sarah L. Smith, Raleigh
Mrs. Terry M. Smith, Charlotte
Mrs. Thomas W. Smith, Raleigh
Mr. and Mrs. Vance Smith, Washington
*W. A. Smith Trust, Whiteville
Mr. W. N. Smith, Wilmington
Dr. W. Stanley Smith, Jr., Troy
Mr. and Mrs. Wade M. Smith, Raleigh
Mr. and Mrs. James Smitherman, Sr., Troy
Ms. Joyce Smitherman, Troy
Smithfield Jaycees, Smithfield
Dr. Oliver Smithies, Chapel Hill
Dr. James D. Smithwick, Laurinburg
Mr. Fred L. Smyre, Jr., Gastonia
Dr. H. Lee Smyre, Greer, SC
Mr. and Mrs. W. R. Snapp, Jr., Charlotte
Mr. and Mrs.William D. Snead, Greensboro
Mr. James E. Sneeden, Wilmington
Mr. and Mrs. Arnold H. Snider, Salisbury
Mr.and Mrs. Kenneth Snow, Washington
Ms. Marlinda B. Snowden, Chapel Hill
Dr. and Mrs. Edward S. Snyder, Raleigh
Dr. Eugene R. Soares, Durham, NH
Dr. and Mrs. C. Sockwell, Chapel Hill
Dr. John J. Solic, State College, PA
Dr. Elliott Solomon, Rye, NY
Mrs. Maxine Solomon, Raleigh
Dr. John J. Soltys, Chapel Hill
Mrs. Ann B. Sorrell, Charlotte
*Mr. Clyde B. and Dr. Karen C. Sorrels, Midlothian, VA
Mr. and Mrs. James A. South, Randleman
Mrs. Kathy Southerland, Charlotte
*Southern National Bank, Lumberton
*Southern Otologic Clinic, Augusta, GA
Southern Pines Jaycees, Southern Pines
Southern Steam, Inc., Wilmington
Mr. and Mrs. Jean Souweine, Pinehurst
*Dr. E. B. Spangler, Greensboro DSA '85
Dr. Thomas Clayton Spangler, Winston-Salem
Dr. Phillip Frederick Sparling, Moncure
Mr. and Mrs. D. G. Sparrow, Greensboro
Mrs. Melba Sparrow, Cary
Mr. Mark A. Spears, Chapel Hill
Spectator, Raleigh
Capt. and Mrs. Billie C. Spell, Littleton
Mr. and Mrs. J.T. Spence, Greensboro
Dr. Allen Spencer, Salisbury
Ms. Ann Lewallen Spencer, Winston-Salem
Mr. and Mrs. David M. Spencer, Chapel Hill
Mrs. Martha Spencer, Chapel Hill
Dr. Donna S. Sperber, Saint. Petersburg, FL
Mrs. Joan K. Spiegel, Raleigh
*Mr. and Mrs. Robert Spilman, Bassett, VA
Mr.and Mrs. Creighton Spivey, Charlotte
Sports Surfaces, Inc., West End
*Dr. Joel F. Spragins, Shelby
E. R. Squibb & Sons, Inc., Princeton, NJ
St. Joseph's Hospital, Asheville
St. Josephs Hospital Foundation, Asheville
*St. Paul Fire and Marine Insurance Co., Lexington, KY
St. Paul Risk Services, Inc., St. Paul, MN
St. Timothys Episcopal Church, Raleigh
Stackhouse Foundation, Goldsboro
Dr.Willie Ransome Stafford, Jr., Greensboro
*Capt. and Mrs. Lawrence E. Stahl, Gulfstream, FL
Ms. Billie J. Stallings, Rocky Mount
Mrs. Elizabeth Stallings, Spindale
Mrs. Elizabeth R. Stamper, Greensboro
Ms. Shannon M. Stamper, Davidson
Dr. Howard J. Stang, Saint Paul, MN
Dr. Michael A. Stang, Pikesville, MD
Mr. and Mrs. Earl Stanley, Troy
*Dr. Ronald J. Stanley, Boone
Mr. and Mrs. V. E. Stanley, Jr., Charlotte
Mr. Ray Starker, Morganville, NJ
Mrs. Mary E. Starling, Raleigh
Dr. H. Frank Starr, Jr., Greensboro
Statesville Children's Clinic, Statesville
Mr. and Mrs. John Stedman, Charlotte
Mr. and Mrs. Thomas W. Steed, Jr., Raleigh
Dr. George H. Steele, Jr., Chapel Hill
Mrs. William L. Steele, III, Charlotte
Mr. and Mrs. Alan Steigrod, Raleigh
Dr. Jeannette F. Stein, Durham
Mr. and Mrs. Muriel Steinberg, New Bern
Mr. and Mrs. Jack Steinhausen, Greensboro
Dr. Otto S. Steinreich, Akron, OH
Dr. Kenneth K. Steinweg, Fayetteville
Ms. Lynn M. Stephens, Charlotte
Ms. Patricia R. Stephens, Huntersville
Dr. Henry L. Stephenson, Jr., Washington
Dr. Sharon R. Stephenson, Cary
Mr. Russell H. Stepp, Sr., Lowell
Mr. and Mrs. Arthur Stern, Chapel Hill
Stevcoknit Fabrics Company, Wallace
Dr. and Mrs. E. W. Stevens, Jr., Greensboro
Mrs. Ann T. Stevenson, Charlotte
Mr. and Mrs. Paul A. Stevenson, Elizabeth City
Dr. Emmett F. Steward, Chapel Hill
Dr. Francis A. Stewart, Marshville
Mr. J. M. Stewart, Sr., North Wilkesboro
Ms. Marcy Bradshaw Stewart, Greensboro
Mrs. Sylvia H. Stewart, Lake Wylie, SC
Ms. Ruth H. Stickley, Greensboro
Dr. Alan D. Stiles, Carrboro
Ms. Jann Stiven, Chapel Hill
Ms. Joy Stochr, Appleton, WI
Mr. John W. Stokes, Hillsborough
Ms. Adria Ward Stone, Raleigh
Mr. Duane D. Stone, Fayetteville
Mr. and Mrs. Herman Stone, Chapel Hill
Miss Mabel Stone, Rocky Mountain
Ms. Marila C. Stone, Chapel Hill
Mr. Peter Stone, Chapel Hill
Dr. Robert E. Stone, Evanston, IL
Mr. Warren G. Stone, Raleigh
Stonehenge Ortho-Ped Lab, Inc., Raleigh
Ms. Kitty B. Storrs, Charlotte
Mr. and Mrs. W. H. Stott, Greensboro
Ms. Mildred L. Stout, Charlotte
Mr. James E. Stovall, Roxboro
Mr. Clarence N. Stover, Jr., Chapel Hill
Mr. and Mrs. C. T. Stowe, Jr., Belmont
Daniel Jonathan Stowe Foundation, Inc., Belmont
Mr. and Mrs. George Stowe, Jr., Belmont
Mr. and Mrs. A. Noel Sullivan, Jr., Nashville, TN
Ms. Blanche Russell Sullivan, Asheboro
Mr. and Mrs. Brian P. Sullivan, Chapel Hill
*Mr. John Thomas Sullivan, Charlotte
Mr. and Mrs. Raymond C. Sullivan, Greensboro
Dr. A. Rogers Summerlin, III, Dothan, AL
*Dr. Robert L. Summerlin, Jr., Dublin
Mr. Harold T. Sumner, Gastonia
Ms. Jean H. Sumner, Burlington
Mrs. Nancy T. Sumner, Raleigh
Ms. Stacy A. Sumner, Charlotte
*Dr. and Mrs. John P. Surratt, Clinton
*The Surtman Foundation, Charlotte
Mrs. Jane K. Sutton, Charlotte
Dr. William R. Sutton, Charleston, SC
Drs. Kunihiko and Kinuko Suzuki, Chapel Hill
Dr. Margery S. Sved, Durham
Mr. and Mrs. Euin Swafford, Greensboro
Mr. and Mrs. Oscar T. Swanson, Chapel Hill
Dr. Ronald Swanstrom, Chapel Hill
Mrs. Sam Swartz, Salisbury
Dr. and Mrs. Edgar C. Sweeney, Jr., Charlotte
Mr. and Mrs. Frank Sweeny, Pittsboro
Mr. and Mrs. G. S. Sweet, Jr., Durham
Mr. and Mrs. John D. Swofford, Chapel Hill
Mrs. Doris H. Sykes, Durham
Mr. and Mrs. Gregory Szymik, Durham
*Dr. Stuart Tafeen, Greensboro
Mr. Douglas R. Talcott, Pittsboro
Dr. and Mrs. E. Tallent, Florence, AL
Mr. and Mrs. Edward Talley, Washington
Ms. Lura S. Tally, Fayetteville
Mr. and Mrs. James R. Talton, Raleigh
Tandem, Inc., Elizabeth City
CWO and Mrs. Michael Tannenbaum, Fayetteville
Mr. and Mrs. James T. Tanner, Rutherfordton
*Dr. Kenneth S. Tanner, Jr., Rutherfordton
Tanning Research Labs, Inc., Ormand Beach, FL
*Tap Pharmaceuticals, North Chicago, IL
Tar River Jaycees, Rocky Mount
Dr. David E. Tart, Hickory
*Dr. Allen D. Tate, Jr., Burlington
*Dr. David A. Tate, Chapel Hill
Dr. Denny Cook Tate, Burlington
Mr. and Mrs. Joe Tate, Mebane
Mrs. Martha W. Tate, Greenville, SC
Mr. and Mrs. Edward T. Taws, Jr., Southern Pines
Dr. David T. Tayloe, Sr. Washington, DSA '84
Dr. David Thomas Tayloe, Jr., Goldsboro, DSA '89
*Dr. John C. Tayloe, New Bern
Dr. and Mrs. Joshua Tayloe, Washington
*Mr. Baxter Taylor, Asheville
Mr. and Mrs. Caswell Taylor, Jr., Gastonia
Mr. Frederick H. Taylor, Troy
Mrs. Frederick L. Taylor, Vass
The Hon. and Mrs. H. P. Taylor, Jr., Wadesboro
Mr. Herbert H. Taylor, Jr., Tarboro
Mr. and Mrs. John R. Taylor, Jr., Greensboro
Ms. Margaret E. Taylor, Chapel Hill
Mr. and Mrs. R. B. Taylor, Greensboro
Mr. R. Kennon Taylor, Jr., Durham
Mr. and Mrs. Robert W. Taylor, Belmont
*Dr. Shahane R. Taylor, Jr., Greensboro
Dr. Thomas J. Taylor, Roanoke Rapids
Mr. and Mrs. William W. Taylor, Jr., Raleigh
Taylortown Jaycees, Pinehurst
Mr. and Mrs. George M. Teague, Raleigh
Mrs. Sam F. Teague, Morganton
Mr. and Mrs. William Teague, Raleigh
Ms. Christine G. Teal, Knightdale
Mr. and Mrs. Steven F. Techet, Raleigh
Mr. and Mrs. Donn M. Tee, Pittsboro
Dr. F. Tejano, Kinston
Dr. Linda Tejano, Kinston

*Telios Pharmaceuticals, La Jolla, CA
Dr. Rufus H. Temple, Jr., Wilmington
Dr. William Tenenblatt, Silver Springs, MD
Mr. Ben F. Tennille, Greensboro
Mr. and Mrs. Artis D. Teter, Liberty
Dr. Franklin T. Tew, Windermere, FL
Mr. and Mrs. John W. Tharp, Davidson
Ms. Lynn C. Tharrington, Raleigh
Mr. Mark Thigpen, Charlotte
Mrs. Nancy Shand Thigpen, Charlotte
Mrs. Betty Dorton Thomas, Concord
*Dr. and Mrs. Colin G. Thomas, Jr., Chapel Hill
Dr. Frances R. Thomas, Chicago, IL
Dr. and Mrs. H. Thomas, Gastonia
Mr. and Mrs. John G. Thomas, Charlotte
Mrs. Linda F. Thomas, Wilmington
Mrs. Mary Elizabeth Thomas Estate of, Jackson, MS
Mr. and Mrs. N. A. Thomas, Jr., Durham
Mr. Roy H. Thomas, III, Wilmington
Mr. and Mrs. Dan R. Thomason, Pinehurst
Mr. George L. Thomason, Troy
*Dr. Henry Clayton Thomason, Jr., Gastonia
Ms. Jane W. Thomason, Fayetteville
Thomasville Jaycees, Thomasville
Mr. Allan Thompson, Rutherfordton
Dr. Charles E. Thompson, New Rochelle, NY
Mrs. Cordelia Gant Thompson, Charlotte
Mr. Denis B. Thompson, Carrboro
Mr. Donald H. Thompson, Jacksonville
Mr. Eric Bennett Thompson, Durham
Dr. F. Alan Thompson, Asheville
Ms. Grace A. Thompson, Burlington
Dr. Herman O. Thompson, Jr., Columbia, SC
Mr. and Mrs. James W. Thompson, Charlotte
Mr. and Mrs. Jerry A. Thompson, Charlotte
Dr. and Mrs. K. Thompson, Florence, AL
Mr. and Mrs. Samuel Thompson, Raleigh
Ms. Sue W. Thompson, Emerald Isle
*Dr. James H. M. Thorp, Rocky Mount
Ms. Vivian C. Thorp, Waynesville
Mr. Robert L. Thorpe, Durham
Mr. and Mrs. Warren J. Thorpe, Littleton
Mr. Parlyn D. Thurman, Chapel Hill
***Mr. and Mrs. D. J. Thurston, Jr., Charlotte, DSA '89**
Ms. Susan F. Thurston, Salisbury
Dr. and Mrs. John Tidwell, Jr., Cary
Dr. Charles W. Tillett, Jr., Charlotte
Mr. and Mrs. Eric C. Tillett, Raleigh
Mrs. Mary Windley Tillman, Chapel Hill
Mr. and Mrs. C. Timberlake, Jr., Lexington
Dr. Joe Wayne Tippett, San Antonio, TX
Tireville, Inc., Jacksonville
Mr. and Mrs. Charles P. Tisdale, Greensboro
Mr. and Mrs. Eugene F. Tison, Chapel Hill
*The Titmus Foundation, Inc., Sutherland, VA
Dr. Thea D. Tlsty, Chapel Hill
Mr. Robert E. Todd, Pittsboro
Ms. Gwendolyn Todd-Jones, Charleston, SC
Lt. Gen and Mrs. John J. Tolson, III, Raleigh
Ms. Anne S. Tomczak, Raleigh
*Mrs. Anne Tomlinson, Charlotte
Mr. and Mrs. Lawrence Tomlinson, Charlotte
Ms. Lesile C. Tompkins, Charlotte
Dr. Robert S. Tomsick, Chapel Hill
Dr. Arthur F. Toole, Talladega, AL
Dr. Michael D. Topal, Chapel Hill
Dr. Michael J. Touloupas, Burlington
Town and Campus, Inc., Chapel Hill
Mr. and Mrs. Philip B. Tracy, Raleigh
Dr. Steven L. Tracy, Gastonia
Dr. Charles E. Trado, Jr., Hickory
*Mr. and Mrs. C. Heide Trask, Jr., Wilmington
Dr. and Mrs. W. T. Trather, Boone
Mrs. Nancy H. Tribble, Charlotte
Tri-City Jaycees, Eden
Dr. John C. Triplett, Washington, DC
Ms. Patricia A. Tripodi, Chapel Hill
Mr. and Mrs. Roland Tripp, Jr., Cary
Dr. Laura H. Trogdon, Asheboro
Mr. and Mrs. William M. Trott, Raleigh
Mrs. J. B. Trotter, Charlotte
Dr. Belk C. Troutman, Grifton
Mr. and Mrs. William F. Troxler, Raleigh
Dr. Gerald L. Truesdale, Greensboro
Ms. Suzanne C. Truesdell, Charlotte
The Trust Company of the South, Charlotte
Dr. Amy H. Tucker, Charlottesville, VA
Dr. F. Charles Tucker, Jr., Pensacola, FL
*Dr. G. Reginald Tucker, Jr., Henderson
Dr. George F. Tucker, Zebulon
Mr. and Mrs. J. Gordon Tucker, Madison
Rev. and Mrs. Leslie C. Tucker, Jr., Belmont
Ms. Sarah S. Tull, Charlotte
Mr. and Mrs. W. Causey Tumlin, Greenville, SC
Dr. Frederick L. Tunick, Neponsit, NY
Mr. and Mrs. Phil Tunks, Charlotte
Mr. and Mrs. Jas. F. Turnage, Jr., Greensboro
Mr. Christopher S. Turner, Graham
Dr. Henry C. Turner, Winston-Salem
*Mr. James R. Turner, Chapel Hill
Mr. and Mrs. Joseph G. Turner, Jr., Raleigh
Ms. Mary J. Turner, Blowing Rock
Mr. and Mrs. William. N. Turpin, Edenton
*Dr. Deborah L.Tussing, Annapolis, MD
Dr. Jay R. Tuttle, Vincennes, IN
Mr. and Mrs. Curtis A. Twiddy, Raleigh
Dr. Kenneth M. Twiddy, Decatur, GA
Mr. and Mrs. Kirby A. Tyndall, Mount Gilead
Mr. and Mrs. Robert Tyndall, Washington
*Mr. A. David Tyre and Associates, Inc., Raleigh
UNC-Charlotte, Charlotte
Dr. T. Reed Underhill, New Bern
Dr. Gregory A. Underwood, Denver, CO
H. J. Underwood Co., Inc., Clinton
Mr. and Mrs. Louis E. Underwood, Chapel Hill
Mrs. Nancy P. Unger, Cary
United Way of The National Capital Area, Washington, DC
Universal Leaf Foundation, Richmond, VA
University Mall Shopping Ctr., Raleigh
Ms. Margaret L. Upchurch, Raleigh
*Upjohn Company, Kalamazoo, MI
*Mr.and Mrs. Richard Urquhart, Raleigh
US Biochemical Corporation, Cleveland, OH
Dr. Paul Vadnais, Charlotte
Dr. Charles Van Der Horst, Chapel Hill
Mr. and Mrs. H. Van Der Veer, Jr., Star
Mr. and Mrs. Jan Van der Wee, Mount Gilead
Dr. J. Peter Van Dorsten, Richmond, VA
Mr. and Mrs. Glenn VanFleet, Graham
Dr. Eric David Van Tassel, Asheville
Dr. Judson J. VanWyk, Chapel Hill
Dr. John W. Vassey, Raleigh
Ms. Isabelle F. Vatz, New Bern
Mr. and Mrs. Roland Vaughan, Edenton
Dr. Ross L. Vaughan, Raleigh
*Mr. and Mrs. Stuart Vaughan, Winston-Salem
*Dr. W. Hunter Vaughan, Steubenville, OH
Mrs. Agnes H. Vaughn, Greensboro
Dr. P. Burt Veazey, Sarasota, FL
Dr. George P. Vennart, Richmond, VA
Ds. Laura R. Venning, Chapel Hill
*Dr. and Mrs. George C. Venters, Raleigh
Dr. Charles R. Vernon, Wrightsville Beach
VFW Ladies Auxiliary, Elizabeth City
Mr. Joel E. Vickers, Matthews
Mr. and Mrs. Lannie D. Vidrine, Denver
The Village Companies, Chapel Hill
Ms. Elizabeth R. Vincent, Durham
Mrs. Thelma Waddell Vines, Greensboro
Dr. and Mrs. Fred Vinson, Jr., Chapel Hill
Virginia Beach Garden Club, Virginia Beach, VA
Dr. Paul E. Viser, Clinton
Vision Hosiery Mills, Inc., Cleveland, OH
Dr. Janet S. Vogel, Hickory
Dr. Joseph Vogel, Hickory
Dr. Mark M. Vogelhut, Tallahassee, FL
*Col. and Mrs. James B. Vogler, Jr., Raleigh
Ms. Jean-Michel Vos, Chapel Hill
Mrs. Anahid Vrana, Chapel Hill
*Vulcan Materials Company, Winston-Salem
Wachovia Bank and Trust Co., Winston-Salem
Dr. William J. Waddell, Prospect, KY
Ms. Ruth B. Wade, Troy
Drs. Larkin T. and Deborah T. Wadesworth, III, Columbia Heights, MN
Dr. Gerald M. Wagger, Palo Alto, CA
Mr. Robert H. Wagner, Chapel Hill
Mrs. Joyce W. Wainer, Greensboro
Mr. Robert R. Waither, Chapel Hill
Wake Stone Corporation, Knightdale
Dr. Grayson Spencer Waldrop, Kill Devil Hills
Dr. J. Charles Waldrup, Chapel Hill
Walker, Inc., Columbia, SC
Dr. David H. Walker, Galveston, TX
Dr. Dewey Dance Walker, Denver, CO
Dr. Edwin L. Walker, Littleton, CO
Ms. Ellen R. Walker, Charlotte
Mr. and Mrs. Harry G. Walker, Jr., Raleigh
Dr. Harry G. Walker, Statesville
Mr. and Mrs. Jim A. Walker, Raleigh
Dr. Richard I. Walker, Chapel Hill
Dr. William A. Walker, Charlotte
Mr. Ben R. Wall, Jr., Chester, SC
Dr. James G. Wall, San Antonio, TX
Dr. James H. Wall, White Plains, NY, DSA '61
Dr. Ralph L. Wall, Jr., Clemmons
*Dr. William S. Wall, Rocky Mount
Ms. Ethel S. Wallace, Garner
Ms. Harriet O. Wallace, Charlotte
Dr. Maxine D. Wallace, Oakland, CA
Ms. Sara B. Wallace, Troy
Dr. Terry W. Wallace, Charlotte
Mrs. Tommye S. Wallace, Troy
Ms. Jane L. Walser, Roanoke Rapids
Dr. and Mrs. Bradford B. Walters, Chapel Hill
Dr. Ronald Martin W, Whiteville
Dr. Robert R. Walther, New York, NY
Dr. Jean M. Walton, Durham
Dr. Leslie A. Walton, Durham
Mr. and Mrs. David Ward, Jr., New Bern
Mrs. J. W. Ward, Woodleaf
*Miss Louise M. Ward, Chapel Hill
Senator and Mrs. Marvin Ward, Winston-Salem
Ms. Mary Albert Ward, Chapel Hill
Mrs. Melba Davis Ward, Chapel Hill
Mr. and Mrs. Donald B. Ware, Greenville, SC
Warren County Jaycees, Warrenton
Mr. and Mrs. M.G. Warren, Roseboro
Dr. Mark L. Warren, Greenville
Dr. Sarah L. Warren, Chapel Hill
Mr. and Mrs. Charles Wartman, Chapel Hill
Mr. Alvin W. Washington, Raleigh
Watauga County Fire Fighters, Boone
Mr. and Mrs. Allen S. Waters, Chapel Hill
Mr. and Mrs. Harvey J. Waters, Pinehurst
Mrs. L. J. Waters, Charlotte
Dr. Carlton G. Watkins, Charlotte
Dr. and Mrs. John Watkins, Virginia Beach, VA
Dr. and Mrs. Charles S. Watras, Troy
Watson Insurance Agency, Inc., Gastonia
Mrs. Craig Watson, Gastonia
Dr. Charles B. Watson, Easton, CT
Dr. David T. Watson, Atlanta, GA
*Mr. and Mrs. Donald R. Watson, Wilmington
Ms. Jennie Craig Watson, Gastonia
Ms. Susannah T. Watson, Greensboro
Mrs. Charlotte Nicoll Watt, Charlotte
Ms. Dorothy Watters, Raleigh
Dr. John L. Watters, Raleigh
Mr. and Mrs. C. A. Watts, Jr., Charlotte
Ms. Mary Ann Watts, Raleigh
*Wayne Foundation, Inc., Goldsboro
Dr. Peyton E. Weary, Charlottesville, VA
Mrs. A. C. Weatherly, Greensboro

Dr. William J. Weatherly, Greensboro
Mr. and Mrs. Benjamin A. Weathers, III, Wendell
Ms. Christina R. Weatherspoon, Charlotte
Ms. Kay M. Weatherspoon, Charlotte
Mr. and Mrs. Van Weatherspoon, Charlotte
Ms. Frances A. Weaver, Chapel Hill
Mrs. Nancy J. Weaver, Asheville
Dr. Roy A. Weaver, Fayetteville
*Dr. Zebulon Weaver, III, Asheville
Mr. H. Thomas Webb, III, Charlotte
Mr. and Mrs. J. Fred Webb, Greenville
*Ms. Louise Dibrell Webb, Greenville
Mr. William E. Webb, III, Statesville
*Dr. and Mrs. William W. Webb, Jr., Salisbury
Mr. and Mrs. Terrell Webster, Southern Pines
Dr. and Mrs. William P. Webster, Pittsboro
Mr. and Mrs. Fred. Wedler, Sr., Greensboro
Ms. Juanita N. Weekley, Greensboro
Mr. Robert F. Weickert, Chapel Hill
Dr. William H. Weinel, Wilmington
Dr. William H. Weinel, Jr., Wilmington
Dr. Kathryn L. Weise, Charlottesville, VA
Ms. Agnes Binder Weisiger, Charlotte
Dr. Richard H. Weisler, Raleigh
Dr. Charles H. Weiss, Newton, MA
Dr. Charles M. Weiss, Chapel Hill
Dr. Shirley F. Weiss, Chapel Hill
Dr. Bernard E. Weissman, Durham
Dr. Barry M. Welborne, Charlotte
Dr. Earl P. Welch, Jr., Winston-Salem
Dr. Donn A. Wells, Fort Lauderdale, FL
Mr. Lavern M. Wells, Charlotte
Mrs. C. R. Welton, Charlotte
Mr. Ron Wendland, Denver, CO
Mr. and Mrs. Barry R. West, Greensboro
Mr. and Mrs. Charles West, Jr., Garner
Dr. R. Lee West, Greenville
Western Wake Jaycees, Cary
Mr. and Mrs. J. Westmoreland, II, Arlington, TX
West Point Pepperell, West Point, GA
Dr. John E. Weyher, Jr., Topsail Beach
Dr. Michael S. Wheeler, Rutherfordton
Dr. Patti B. Wheeler, Highlands
Mr. and Mrs. W. B. Wheeley, Morrisville
Dr. James D. Whinna, Monroe
Dr. William H. Whisnant, Bristol, TN
*Dr. J. Allen Whitaker, Rocky Mount
Dr. J. Allen Whitaker, III, Wilson
Mr. and Mrs. John Whitaker, Jr., Winston-Salem
Dr. Roy Whitaker, Jr., San Antonio, TX
Mr. and Mrs. Lee B. Whitcomb, Pittsboro
Dr. C. Phillip Whitworth, Forest City
Mrs. Elizabeth S. White, Charlotte
Dr. Franklin D. White, Siler City
Dr. James G. White, Ormond Beach, FL
Dr. Lena K. White, Charlotte
Mr. and Mrs. Lorimer White, Elizabeth City
Dr. and Mrs. M. W. White, Charlotte
Dr. and Mrs. Raymond P. White, Chapel Hill
*Mr. and Mrs. S. Montgomery White, Jr., Raleigh
Dr. and Mrs. Steven M. White, Greenville
Ms. Susan S. White, Charlotte
*Mr. and Mrs. Sydnor M. White, Sr., Raleigh
Mr. William C. White, Taylorsville
Mr. and Mrs. William O. White, Jr., Roanoke Rapids
*Dr. W. Wallace White, Cincinnati, OH
Mr. and Mrs. Clarence Whitefield, Chapel Hill
Ms. Barbara Whitehead, Durham
Ms. Constance C. Whitehead, Tucson, AZ
Dr. R. W. Whitener, Greensboro
Mr. and Mrs. David Whitesell, Troy
Mrs. Joan P. Whitesides, Gastonia
Whiteville Jaycees, Whiteville
Mr. Harry T. Whitin, Inc., Norwalk, CT
Mr. and Mrs. Currie Whitley, Jr., Troy
*Dr. Donald Phillip Whitley, Richmond, VA
Mr. and Mrs. Dudley Whitley, Littleton
Mr. H. Wayne Whitley, Rocky Mount
Dr. Robert T. Whitlock, New York, NY
Mr. and Mrs. James G. Whitton, Salisbury
Dr. C. Phillip Whitworth, Forest City
Ms. Elizabeth S. Whyte, Pittsboro
Ms. Frances K. Widmann, Chapel Hill
Mr. and Mrs. Fred Wier, Troy
Ms. Ina B. Wiggins, Garner
*Dr. and Mrs. Benson R. Wilcox, Chapel Hill
Ms. Marilyn B. Wilensky, Raleigh
Mr. and Mrs. William L. Wiley, Chapel Hill
*Dr. Annie Louise Wilkerson, Raleigh
Dr. Jack W. Wilkerson, Greenville
Mr. and Mrs. William H. Wilkerson, Rocky Mount
Wilkes County Jaycees, North Wilkesboro
Wilkes Rescue Squad, Inc., North Wilkesboro
Dr. John R. Wilkinson, Jr., Fayetteville
Ms. Alice S. Wilkman, Chapel Hill
Mr. and Mrs. Charles R. Willard, Charlotte
Mr. C. E. Williams, Jr., Charlotte
Mr. and Mrs. Clyde Williams, Camden, SC
*Dr. David A. Williams, Laurinburg
Mr. Don G. Williams, Charlotte
Dr. Edward S. Williams, Jr., Durham
Ms. Faucette E. Williams, Carrboro
Ms. Jean C. Williams, Nashville, TN
Mr. and Mrs. John C. Williams, Raleigh
Dr. Johnathan D. Williams, Gastonia
Mr. Johnathan D. Williams, Memphis, TN
Dr. Mark E. Williams, Chapel Hill
Mrs. Mishew C. Williams, Raleigh
Ms. Princess S. Williams, Durham
Dr. R. Bertram Williams, Jr., Wilmington
Ms. Rachel Ann Williams, Charlotte
Dr. R. Bertram Williams, Jr., Wilmington
Dr. Randall W. Williams, Raleigh
Dr. and Mrs. Robert D. Williams, Chapel Hill
Mr. and Mrs. Roscoe S. Williams, Richmond, VA
Mr. and Mrs. Samuel H. Williams, Jr., Lynchburg, VA
Ms. Sara Williams, Fayetteville
*Dr. Willis H. Williams, Atlanta, GA
Mrs. Sara B. Williamson, Blowing Rock
Mr. and Mrs. William H. Williamson, III, Charlotte
Mr. and Mrs. Bart Willis, Chapel Hill
Mr. and Mrs. John C. Willis, Troy
*Mr. and Mrs. Meade H. Willis, Winston-Salem
Mr. Rodney K. Wills, Charlotte
Wilmington Jaycees, Wilmington
Wilmington Shipping Company, Wilmington
*Wilson Fire Dept. Ladies Auxiliary, Wilson
*Wilson Foundation, Statesville
Mrs. A. A. Wilson, Richmond, VA
Ms. Beth E. Wilson, Raleigh
Mr. C. T. Wilson, Durham
Dr. Fred H. Wilson, Greensboro
Dr. G. Dean Wilson, Johnson City, TN
Dr. G. Dean Wilson, Jr., Johnson City, TN
Mr. George D. Wilson, Fayetteville
Mr. and Mrs. George E. Wilson, Jr., Knoxville, TN
Mr. George E. Wilson, III, Harriman, TN
Mr. and Mrs. Glenn Wilson, Chapel Hill
Mr. and Mrs. James Wilson, Jr., Gastonia
Dr. Kenneth H. Wilson, Durham
Mr. and Mrs. Marvin Wilson, Jr., Raleigh
Dr. and Mrs. R. Wilson, Prescott, AZ
Mr. and Mrs. Robert P. Wilson, Charlotte
Ms. Tamala Jill Wilson, Carrboro
Dr. William G. Wilson, Charlottesville, VA
Ms. Johanna P. Winchester, Greensboro
Dr. Richard L. Wing, Charlotte
Mrs. Thomas W. Wingfield, Gastonia
Mr. and Mrs. Charles B. Winn, II, Seagrove
*Dr. James E. Winslow, Jr., Roxboro
*Winston-Salem Jaycees, Winston-Salem
*Dr. and Mrs. Kenneth H. Winter, Greensboro
Mr. John J. Wise, Chapel Hill
Dr. and Mrs. Dexter T. Witherington, Kinston
Dr. Abner C. Withers, Drexel
Ms. Jayne A. Withers, Charlotte
Mrs. Phyllis Wolborsky, Raleigh
Mr. and Mrs. D. H. Wolfe, Jr., Charlotte
Dr. Richard V. Wolfenden, Chapel Hill
Mr. and Mrs. William K. Woltz, Mount Airy
Mr. Calder W. Womble, Winston-Salem
Mr. Harry G. Womble, White Lake
Mr. and Mrs. Fred P. Wood, Jr., Raleigh
*Mr. and Mrs. John G. Wood, III, Edenton
Mrs. Loyd Wood, Troy
Mrs. Margaret Henry Wood, Linville
*Dr. and Mrs. William B. Wood, Chapel Hill
Dr. Jon P. Woods, St. Louis, MO
Dr. Leonard S. Woodall, Smithfield
Dr. Jerry C. Woodard, Wilson
Miss Mary C. Woodard, Greensboro
Dr. Warden L. Woodard, III, Charlotte
*Mr. Louie E. Woodbury, Jr., Wilmington
Mr. Louie E. Woodbury, III, Wilmington
*Dr. Norman F. Woodlief, Cedar Falls, IA
Mrs. Nancy W. Woodliff, Creedmoor
Mrs. R. Douglas Woodring, Winston-Salem
Dr. Phyllis M. Woodring, Winston-Salem
Mr. and Mrs. D. E. Woodruff, Jr., Charlotte
Dr. and Mrs. Leon F. Woodruff, Raleigh
C. C. Woods Construction Co., Durham
Mr. and Mrs. John H. Woolard, Edenton
Mr. John T. Woosley, Chapel Hill
Mr. Robert E. Wooten, Burlington
*Mr. and Mrs. Sam Wornom, Sanford
*Mr. and Mrs. Robert Woronoff, Chapel Hill
Dr. Thomas C. Worth, Raleigh
Mr. and Mrs. T. J. Wortham, Henderson
Ms. Donna Worthington-Shiro, Wilmington
Dr. and Mrs. James Wortman, Wilmington
Mr. and Mrs. Cal A. Wray, Jr., Greensboro
Wren Foundation Inc., Siler City
Mr. and Mrs. Benjamin S. Wright, Pinehurst
Ms. Betsy C. Wright, Chapel Hill
Dr. Eugene E. Wright, Jr., Fayetteville
Mr. Glenn Wright, Pittsboro
Ms. Jean D. Wright, Pittsboro
Mr. John Alexander Wright, Charlotte
Mr. and Mrs. Joseph Wright, II, Charlotte
*Mr. and Mrs. Richard W. Wright, Durham
*Mr. and Mrs. Ronald D. Wright, Charlotte
Mr. and Mrs. Thomas E. Wright, Greensboro
Mrs. Caroline Hudson Wyatt, Greensboro
Mr. and Mrs. Robert T. Wyker, Raleigh
Mr. and Mrs. Herman C. Wyrick, Greensboro
Mr. and Mrs. Clyde C. Yancey, Greensboro
Ms. Virginia R. Yarborough, Fayetteville
Dr. Dewey Hobson Yarley, Durham
*Mrs. F. Ogburn Yates, Asheboro
Dr. Blane Wesley Yelton, Jr., Thomasville
Ms. Diane P. Yelton, Greensboro
Dr. Terence Tsin Tsu Yen, Indianapolis, IN
Mr. and Mrs. James T. Yonkers, Cary
*Dr. and Mrs. James D. Yopp, Jr., Winston-Salem
Mr. G. Smedes York, Raleigh
Dr. and Mrs. James York, Jr., Chapel Hill
Dr. Daniel T. Young, Chapel Hill
Dr. David A. Young, Raleigh, DSA '84
Dr. J. Richard Young, Newton Highlands, MA
Dr. John A. Young, Charlotte
Ms. June F. Young, Chapel Hill
Dr. and Mrs. Kyle A. Young, Greensboro
Mrs. Peggy D. Young, Charlotte
Dr. and Mrs. Peter R. Young, Greensboro
Mr. and Mrs. R. F. Young, Chapel Hill
Ms. Shearon B. Young, Mount Gilead
Dr. and Mrs. William B. Young, Wilson
Dr. William Frederick Young, Sumter, SC
Ms. Carolyn B. Younger, Raleigh
Dr. James A. Yount, Charlotte
Dr. Mary R. Yount, Chapel Hill
Mr. William J. Yount, Chapel Hill
Mr. and Mrs. H. L. Yow, Gibsonville
Dr. Frederick K. Yu, Durham
Mr. and Mrs. Byron M. Zalken, Jefferson City, MO
Mr. Edward R. Zane, Jr., Greensboro
Mr. Edward R. Zane, Sr., Greensboro

*Dr. N. P. Zarzar, Raleigh
Zaytoun Orthodontics, Raleigh
Zebulon Jaycees, Zebulon
Mr. and Mrs. Robert Zeiger, Raleigh
Ms. Anita P. Zeigler, Charlotte
Mrs. Joyce Zeitler, Raleigh
Mr. and Mrs. David A. Zendels, Raleigh
Dr. and Mrs. B. Zipf, Rocky Mount
Dr. John W. Zirkle, Jefferson City, TN
Zlinkoff Foundation, Providence, RI
Mrs. Betty T. Zucker, Raleigh

LOYALTY FUND ASSOCIATES

Dr. Henry W. Abernethy, Hickory
Dr. Julian S. Albergotti, Jr., Charlotte
Dr. Gertrude A. Bales, Rochester, NY
Dr. Juris Berganis, Honolulu, HI
Dr. Frederick O. Bowman, Jr., Riverdale, NY
Dr. Wayne F. Boyles, Hickory
Dr. Ralph E. Brooks, Jr., High Point
Dr. W. Grimes Byerly, Jr., Hickory
Dr. Donald W. Carringer, Crossnore
Dr. James E. Davis, Durham
Dr. and Mrs. Walter E. Deyton, Danville, VA
Dr. Charles F. Eddinger, Spencer
Dr. Charles H. Edwards, II., Charlotte
Dr. John W. Foust, Charlotte
Dr. Richard F. Fox, Greensboro
Dr. James E. Glenn, Jacksonville, FL
Dr. Ira D. Godwin, Fairfax, VA
Dr. James D. Groseclose, Randleman
Dr. William D. Huffines, Chapel Hill
Dr. Samuel G. Jenkins, Jr., Elizabeth City
Dr. Harvey W. Johnston, Charlotte
Dr. Thomas J. Koontz, Winston-Salem
Dr. Jan P. Kovach, Fairbanks, AK
Dr. Jerold E.. Lancourt, Dallas, TX
Dr. E. Carwile LeRoy, Charleston, SC
Dr. Adrian S. Lineberger, Jr., Farefax, VA
Dr. Clarence R. McLain, Jr., Cincinnati, OH
Dr. Darlyne Menscer, Charlotte
Dr. Glen D. Moak, Indianapolis, IN
Dr. Thomas P. Moore, Jacksonville
Dr. Stewart L. Mooring, Rutherfordton
Dr. W. Ronald Neal, Greensboro
Mr. J. Harvey Oliver, Jr., Fayetteville
Dr. Douglas Privette, Greenville
Dr. G. Irvin Richardson, Reidsville
Dr. C. William Rogers, Lebanon, TN
Dr. William C. Ruffin, Jr., Gainesville, FL
Dr. William H. Ryan, Dallas, TX
Mr. C. B. Sorrels, Midlothian, VA
Dr. Karen C. Sorrels, Midlothian, VA
Dr. Robert L. Summerlin, Jr., Dublin
Dr. Shahane R. Taylor, Jr., Greensboro
Dr. G. Reginald Tucker, Jr., Henderson
Dr. Edwin L. Walker, Littleton, CO
Dr. William S. Wall, Rocky Mount
Dr. William Wallace White, Cincinnati, OH
Dr. Willis H. Williams, Atlanta, GA
Dr. Norman F. Woodlief, Cedar Falls, IA

LINEBERGER CLUB

Dr. and Mrs. William B. Abernethy, Jr., Gastonia
Mr. John M. Akers, Gastonia
Mr. and Mrs. Shepard Ansley, Atlanta, GA
Mrs. Anne O. Armfield, Greensboro
Assoc.of Health Opportunities through Partnership in Education, Cleveland, OH
Ms. Mary Anne Avery, Rocky Mount
BB&T, Wilson
Mr. and Mrs. Paul B. Barringer, Weldon
Mr. Harold H. Bate, New Bern
Mr.and Mrs. Thomas B. Battle, Rocky Mount
Mr. and Mrs. Barrie Bergman, Durham
Mr. and Mrs. Herman Bernard, High Point (Bernard's Inc.)
Dr. and Mrs. Jerry C. Bernstein, Raleigh
Mr. Norman E. Block, Jr., Chapel Hill
Mr. and Mrs. F. L. Blount, Jr., Bethel
Mr. and Mrs. James Blount, Jr., Raleigh
Mr. and Mrs. W. C. Boren, III., Southern Pines
Mrs. Thornton H. Brooks, Greensboro
Mr. and Mrs. Harry M. Bryant, Sr. Gastonia
Mr. and Mrs. John W. Burress, III., Winston-Salem
Burroughs Wellcome Fund, RTP
CCB Foundation, Durham
Mr. and Mrs. Bruce B. Cameron, Wilmington
Mr. and Mrs. A. Leon Capel, Jr., Troy
Mr. Wade L. Cavin, Durham
Mr. and Mrs. George H. V. Cecil, Asheville
Christian Dior, New York, NY
Mrs. Harriet Chused, Kinston
Mr. and Mrs. Arthur Clark, Durham
Dr. Henry T. Clark, Jr., Chapel Hill
Mr. and Mrs. Herman Cone, Jr., Greensboro
Mr. and Mrs. Howard B. Cone, Richmond, VA
Culbertson Foundation, Charlotte
Mr. T. H. Davis, Winston-Salem
Mrs. D. Vernon Deal, North Wilkesboro
Mr. and Mrs. Arthur S. DeBerry, Durham
The Dickson Foundation, Charlotte
Mr. and Mrs. Sanford Doxey, Jr., Wrightsville Beach
Drexel Heritage Furnishings, Drexel
Mr. and Mrs. Tom Efird, Gastonia
Mrs. Dorothy Einstein, Cary
Mr. and Mrs. George Erath, High Point
Ernst & Young, Raleigh
Mrs. Mescal Ferguson, Randleman
The First Union Foundation, Charlotte
Mr. and Mrs. R. B. Fitch, Pittsboro
Mrs. Henry A. Foscue, High Point
Mr. James E. Foscue, High Point
GLC, Inc., Raleigh
Mr. and Mrs. James B. Garland, Gastonia
Mr. M. Lee Garrison, Charlotte
Mr. and Mrs. William E. Garwood, Haddonfield, NJ
Gaston County Cancer Society, Gastonia
Glaxo Inc. RTP
Mr. Lawrence J. Goldrich, Virginia Beach, VA
Goody's Manuf. Corporation Foundation, Winston-Salem
Mr. and Mrs. S. Page Graham, Chapel Hill
Mr. F. Borden Hanes, Jr., Winston-Salem
Harper Trucking Co., Inc., Raleigh
Mr. Nathaniel T. Harris, Burlington
Mr. and Mrs. C. Felix Harvey, Kinston
Mr. James E. Heins, Sanford
High Point Bank & Trust Co., High Point
Mr. and Mrs. George Watts Hill, Sr., Chapel Hill
Home Federal Savings and Loan, Charlotte
Mrs. Cornell C. Houston, Cambridge, MA
Mr. and Mrs. Edwin A. Hubbard, Sanford
Mr. and Mrs. J. Edwin Hunter, Statesville
Dr. Samuel G. Jenkins, Jr., Elizabeth City
Mr. and Mrs. Thomas M. Jordan, Charlottesville, VA
Mr. and Mrs. Johnny Kerr, Raleigh
Mr. and Mrs. R. Fred Lambeth, High Point
Dr. and Mrs. Henry Landon, III., North Wilkersboro
Lee County Cancer Society, Sanford
Mrs. Stella Levin, Greensboro
Mrs. J. Harold Lineberger, Charlotte
Mr. and Mrs. Joseph Lineberger, Charlotte
Mrs. Linda S. Lineberger, Belmont
Mr. and Mrs. Duane Long, Raleigh
Mr. and Mrs. Henry E. Longley, Wilmington
Mrs. Charlotte J. Lunsford, Asheville
Mr. and Mrs. George Lyles, High Point
Mr. and Mrs. James Marsh, High Point
Employees of Marsh Furniture Co., High Point
Mr. and Mrs. James Martin, Jr., Linville
Mr. and Mrs. Robert L. Mayville, Winston-Salem
Mr. and Mrs. Joseph McAuley, Rocky Mount
Mrs. Frances L. McDonald, Charlotte
Dr. and Mrs. Hamilton McKay, Charlotte
Mr. Steve Millander, Burlington
Mr. and Mrs. J.H. Millis, Sr. High Point
Mr. and Mrs. Thomas D. Mincher, Greensboro
Munroe Best Foundation, Greensboro
NCNB Corporation, Charlotte
Col. and Mrs. Erickson S. Nichols, Charlotte
Mrs. Patricia C. Owens, Chapel Hill
Mr. and Mrs. William H. Page, Washington
Mrs. Julia Patterson, Chapel Hill
Mrs. Elbert S. Peel, Jr., Raleigh
Peoples Bank & Trust Co., Rocky Mount
Pharr Foundation, McAdenville
Planter's National Bank, Rocky Mount
Mr. and Mrs. Charles A. Poe, Raleigh
E. I. du Pont de Nemours & Co., Wilmington, DE
Mr. and Mrs. J. Gregory Poole, Jr., Raleigh
Mrs. J. G. Poole, Sr., Raleigh
Mrs. Claude E. Pope, Raleigh
Mr. W. Trent Ragland, Jr., Raleigh
Ms. Carey M. Read, Lumberton
Florence Rogers Charitable Trust, Fayetteville
Mr. and Mrs. Sol Schechter, Kinston
Mr. and Mrs. Henry M. Shaw, Jr., Raleigh
Mrs. Jean A. Sherrill, Winston-Salem
Mrs. Gordon Smith, Jr., Raleigh
W.A. Smith Trust, Wadesboro
Mr. and Mrs. R. H. Spilman, Bassett, VA
Southern National Bank, Lumberton
Mr. and Mrs. James R. Strickland, Jr., Durham
Mr. John T. Sullivan, Charlotte
The Surtman Foundation, Charlotte
The Titmus Foundation, Sutherland, VA
Mrs. Anne Tomlinson, Charlotte
Mr. and Mrs. C. Heide Trask, Jr., Wilmington
Mr. and Mrs. Richard Urquhart, Raleigh
US Biochemical Corp., Cleveland, OH
Mr. and Mrs. Stuart Vaughan, Winston-Salem
Mr. and Mrs. Donald R. Watson, Wilmington
Ms. Louise D. Webb, Greenville
Mr. and Mrs. Montgomery White, Jr., Raleigh
Mr. and Mrs. Sydnor White, Sr., Raleigh
Mr. and Mrs. Meade Willis, Jr., Winston-Salem
Wilson Foundation, Statesville
Mr. and Mrs. John G. Wood, III., Edenton
Mr. Louie E. Woodbury, Jr., Wilmington
Mr. and Mrs. Sam Wornom, Sanford
Mr. and Mrs. Robert Woronoff, Chapel Hill
Mr. and Mrs. Richard W. Wright, Durham
Dr. and Mrs. James D. Yopp, Jr., Winston-Salem

First-year medical students (from left) G. Bernard Taylor, Tasha Jiles, Sharon Mitchener, Enid Lofters and Donald Lawson

UNC Medical Alumni

CLASS of 1919
Dr. Kenneth B. Geddie, High Point, DSA '73

CLASS of 1923
Dr Grover C. Dale, Lancaster, PA
Dr. Herbert T. Kelly, Pipersville, PA

CLASS of 1925
Dr. J. Donald MacRae, Jr., Dunedin, FL
Dr. James H. Wall, White Plains, NY, DSA '61

CLASS of 1928
Dr. William E. Cook, Fayetteville
Dr. Zack D. Owens, Elizabeth City

CLASS of 1929
Dr. Vance T. Alexander, Davidson
Dr. Alexander C. Dick, Chestertown, MD
Dr. Harry L. Farrell, Philadelphia, PA
Dr. David A. Young, Raleigh, DSA '84

CLASS of 1930
Dr. Charles P. Graham, Sr., Wilmington
Dr. Rufus R. Little, Ho Ho Kus, NJ

CLASS of 1931
Dr. Louis Appel, Newton, CT
Dr. Ralph B. Garrison, Hamlet
*Dr. William S. Wall, Rocky Mount
*Dr. J. Allen Whitaker, Rocky Mount

CLASS of 1932
Dr. David L. Avner, Greensboro, PA
Dr. Alfred F. Hammond, Jr., New Bern
Dr. Mary Margaret McLeod, Sanford, DSA '77
Dr. Fletcher D. Sain, Rocky Mount
Dr. Robert E. Stone, Evanston, IL
Dr. Thomas J. Taylor, Roanoke Rapids

CLASS of 1933
Dr. Paul H. Rhodes, Denver, CO
Dr. Arthur F. Toole, Talladega, AL

CLASS of 1934
Dr. Archie L. Barringer, Mount Pleasant, DSA '73
*Dr. June U. Gunter, Durham
Dr. Willis B. Mitchell, Hendersonville
Dr. Carl Pigman, Whitesburg, KY
Dr. Thomas C. Worth, Raleigh

CLASS of 1935
Dr. Julian H. Meyer, Sr., Roanoke, VA

CLASS of 1936
Dr. Leo Esbin, Wantagh Li, NY
Dr. Robert M. McMillan, Pinehurst
Dr. Otto S. Steinreich, Akron, OH
Dr. Laura R. Venning, Chapel Hill
*Dr. Annie Louise Wilkerson, Raleigh

CLASS of 1937
Dr. Elizabeth J. Dotterer, Sanford
Dr. Arthur I. Sims, Arlington, VA

CLASS of 1938
Dr. Olivia Abernethy, Winston-Salem
Dr. Thomas W. Crowell, Bellingham, WA
Dr. John C. Grier, Jr., Pinehurst

CLASS of 1939
Dr. Jesse Appel, Kew Gardens, NY
Dr. Jesse B. Caldwell, Jr., Gastonia, DSA '83
*Dr. Henry Toole Clark, Jr., Chapel Hill
Dr. Max M. Novich, Edison, NJ, DSA '72
Dr. Edwin A. Rasberry, Jr., Wilson

CLASS of 1940
Dr. Phil L. Barringer, Monroe
Dr. Inez W. Elrod, Huntersville
Dr. John B. Graham, Chapel Hill
Dr. Henry C. Guynes, Jr., Rockwalll, TX
Dr. H. Lee Large, Jr., Charlotte
Dr. G. Craig Lynch, Kansas City, KS
Dr. French H. McCain, Bloomfield Hills, MI
Dr. Hugh H. McFadyen, Tucson, AZ
Dr. Lawrence E. Metcalf, Asheville
Dr. George B. Patrick, Jr., Silver Spring, MD
Dr. David L. Pressly, Statesville

CLASS of 1941
Dr. Jack Hughes, Durham
*Dr. Foyell P. Smith, Lexington
Dr. Frederick L. Tunick, Neponsit, NY
Dr. Carlton G. Watkins, Charlotte

CLASS of 1942
Dr. Jerry H. Allen, Jr., Springfield, MO
Dr. Frederick A. Blount, Winston-Salem
Dr. O. Watts Booth, Newport News, VA
Dr. Alfred N. Costner, Johnson City, TN
*Dr. James E. Davis, Durham, DSA '68
Dr. Louis D. Hayman, Jr., Beaufort
*Dr. John F. Lynch, Jr., High Point, DSA '69
Dr. John H. Miller, Bartow, FL
Dr. George W. Plonk, Kings Mountain
Dr. William Tenenblatt, Silver Spring, MD
Dr. R. Bertram Williams, Jr., Wilmington

CLASS of 1943
Dr. Sydenham B. Alexander, Tuscaloosa, AL
Dr. Julian T. Brantley, Greensboro
*Dr. John R. Chambliss, Jr., Rocky Mount, DSA '69
Dr. David S. Citron, Charlotte, DSA '75
Dr. James R. Collett, Morganton
Dr. James B. Greenwood, Jr., Charlotte
Dr. William N. Hubbard, Jr., Hickory Corners, MI, DSA '62
Dr. William F. Hutson, Northbrook, IL
Dr. George L. Jordan, Jr., Houston, TX, DSA '83
Dr. Alexander C. Mitchell, Frenchtown, NJ
Dr. Sarah T. Morrow, Raleigh, DSA '74
Dr. John H. Reed, Jr., Gainesville, GA
Dr. Frank R. Reynolds, Wilmington, DSA '78

CLASS of 1944
Dr. J. Vincent Arey, Concord
Dr. Joseph W. Baggett, Fayetteville
Dr. Hilda H. Bailey, Salisbury
Dr. Truett V. Bennett, Oriental
Dr. Joseph R. Blair, Troy
Dr. John W. Davis, Sr., Hickory
Dr. Robert W. Elwell, Ocean City, NJ
Dr. Francis P. King, Sr., New Bern
Dr. Allen H. Lee, Selma
Dr. Clarence M. Miller, Jr., Sewickley, PA
Dr. S. Malone Parham, Henderson
Dr. William L. Ross, Jr., Kensington, MD
Dr. Charles W. Tillett, Jr., Charlotte

CLASS of 1945
Dr. G. Walker Blair, Jr., Burlington
Dr. David G. Bunn, Whiteville
Dr. G. Robert Clutts, Greensboro
Dr. J. Hicks Corey, Jr., Chattanooga, TN
Dr. Robert G. Fitzgerald, Roxboro
*Dr. Harold L. Godwin, Fayetteville
*Dr. Hampton Hubbard, Clinton
Dr. Weldon H. Jordan, Fayetteville
Dr. John H. Monroe, Winston Salem
Dr. Roger A. Smith, III, San Bernardino, CA

CLASS of 1946
Dr. Jules Amer, Denver, CO
Dr. Walter C. Barnes, Jr., Texarkana, TX
Dr. Robert V. Dutton, Houston, TX
Dr. Mary Alice V. Fox, Bethesda, MD
*Dr. Luther W. Kelly, Jr., Charlotte, DSA '78
Dr. Robert S. Lackey, Charlotte
Dr. J. Edward McKinney, Chattanooga, TN
Dr. William G. Sanford, Winston Salem
Dr. Peter S. Scott, Burlington
Dr. William E. Sheely, Alexandria, VA
Dr. H. Frank Starr, Jr., Greensboro
Dr. David G. Stroup, Atlanta, GA
*Dr. Allen D. Tate, Jr., Burlington
Dr. John E. Weyher, Jr., Topsail Beach

CLASS of 1947
Dr. Harry S. Anderson, Chattanooga, TN
Dr. J. Lloyd Pate, Raleigh
Dr. Edgar C. Sweeney, Jr., Charlotte
Dr. Harry G. Walker, Statesville
Dr. Sarah L. Warren, Chapel Hill

CLASS of 1948
*Dr. William S. Cheek, Spartanburg, SC
Dr. Fred W. Ellis, Chapel Hill, DSA '86
Dr. Tyndall P. Harris, Chapel Hill
Dr. Julius A. Mackie, Jr., Bryn Mawr, PA
Dr. W. Ernest Powell, Mars Hill
Dr. Richard E. Rankin, Mount Holly
Dr. Shirley L. Rivers, Tucson, AZ
Dr. Daniel T. Young, Chapel Hill

CLASS of 1949
Dr. Christopher C. Fordham, III, Chapel Hill
Dr. F. Sidney Gardner, Jr., Fayetteville
Dr. Robert A. Griffin, Asheville
Dr. John P. Henderson, Jr., Kinston
Dr. Spinks H. Marsh, Punta Gorda, FL
Dr. Charles F. Melchor, Jr., Myrtle Beach, SC
Dr. Edwin W. Monroe, Greenville
Dr. Rose Pully, Kinston, DSA '75
Dr. Aubrey D. Richardson, Baltimore, MD
Dr. Maxine D. Wallace, Oakland, CA

CLASS of 1950
*Dr. Gertrude A. Bales, Rochester, NY
*Dr. Frederick O. Bowman, Jr., Riverdale, NY
*Dr. Wayne F. Boyles, Hickory
*Dr. W. Grimes Byerly, Jr., Hickory
Dr. Elwood B. Coley, Lumberton
Dr. Amzi J. Ellington, Jr., Burlington
Dr. Charles F. Gilliam, Thomasville
Dr. Mary B. Golby, Durham
Dr. Buel K. Grow, Jr., Belle Mead, NJ
Dr. Gordon R. Heath, Lakeland, FL
Dr. Joel B. Huneycutt, Lake Wylie, SC
Dr. Harold H. Jeter, Jr., Florence, SC
*Dr. George Johnson, Jr., Chapel Hill
*Dr. Harvey W. Johnston, Charlotte
Dr. Benjamin H. Josephson, Basking Ridge, NJ
Dr. William S. Joyner, Chapel Hill
*Dr. John A. Kirkland, Wilson, DSA '89
Dr. Laurence B. Leimbach, Winston-Salem
*Dr. John L. McCain, Wilson, DSA '81
Dr. Glenn D. Moak, Indianapolis, IN
Dr. James H. Peedin, Jr., Burgaw
Dr. J. Olin Perritt, Wilmington
Dr. John W. Sawyer, Greensboro
Dr. Eugene B. Sharpe, Asheville
Dr. Belk C. Troutman, Grifton
Dr. George F. Tucker, Zebulon
Dr. Charles R. Vernon, Wrightsville Beach
Dr. John L. Watters, Raleigh
Dr. John R. Wilkinson, Jr., Fayetteville

CLASS of 1951
Dr. L. L. Anthony, Jr., Gastonia
Dr. John S. Barlow, Concord, MA
Dr. S. Bruce Berkeley, Jr., Goldsboro
*Dr. William B. Blythe, II, Chapel Hill
Dr. Baxter H. Byerly, Tallahassee, FL
Dr. William A. Futch, Conyers, GA
Dr. Matt C. Harper, Jr., Kinston
Dr. John C. Herion, Chapel Hill
Dr. Murdoch R. McKeithen, Laurinburg
Dr. Luther W. Oehlbeck, Jr., La Belle, FL
Dr. George R. Smith, Shawsville, VA
Dr. Jack W. Wilkerson, Greenville

CLASS of 1952
Dr. Charles H. Powell, South Daytona Beach, FL
Dr. Richard I. Walker, Chapel Hill

CLASS of 1954
Dr. Paul H. Brigman, Trinity
Dr. Leon K. Cowan, Wilson
Dr. George E. Cox, Skillman, NJ
Dr. Charles B. Fulghum, Jr., Atlanta, GA
Dr. J. Franklin Graves, Mt. Pleasant, SC
Dr. Herman P. Lineberger, Chapel Hill
Dr. James C. Parke, Jr., Charlotte
Dr. Cornelius, T. Partrick, Washington
Dr. Joe Robinson, Oak Ridge
Dr. Allen Spencer, Salisbury
Dr. William H. Weinel, Jr., Wilmington
Dr. Edward S. Williams, Jr., Durham

CLASS of 1955
*Dr. Julian S. Albergotti, Jr., Charlotte
Dr. George W. Barnard, Sr., Gainesville, FL
Dr. Robert G. Brame, Greenville
*Dr. Ralph E. Brooks, Jr., High Point
*Dr. Walter E. Deyton, Danville, VA
Dr. Griggs C. Dickson, Charlotte
Dr. Presley Z. Dunn, Jr., New Bern
*Dr. Charles F. Eddinger, Spencer
*Dr. John W. Foust, Charlotte, DSA '88
*Dr. J. Eugene Glenn, Jacksonville, FL
*Dr. Ira D. Godwin, Fairfax, VA
Dr. Robert L. Golby, Durham
*Dr. James D. Groseclose, Randleman
Dr. James W. Hayes, III, Burlington
*Dr. William D. Huffines, Chapel Hill
Dr. Vernon L. James, Jr., San Antonio, TX
Dr. Samuel G. Jenkins, Jr., Elizabeth City
Dr. Robert C. Jordan, Jr., Sanford
Dr. Samuel B. Joyner, Greensboro
*Dr. Adrian S. Lineberger, Jr., Fairfax Station, VA
Dr. William L. London, IV, Durham
Dr. Lloyd C. McCaskill, Maxton
Dr. Rodney L. McKnight, Mooresboro
*Dr. Clarence R. McLain, Jr., Cincinnati, OH
Dr. Andrew C. Miller, III, Gastonia
Dr. J. Thaddeus Monroe, Jr., Chapel Hill
*Dr. Thomas P. Moore, Jacksonville
*Dr. Stewart L. Mooring, Rutherfordton
Dr. Frank C. Morrison, Jr., Canton
*Dr. G. Irvin Richardson, Reidsville
Dr. Harold R. Roberts, Chapel Hill
Dr. Oliver F. Roddey, Jr., Charlotte
*Dr. C. William Rogers, Lebanon, TN
Dr. Mary M. Rood, Raleigh
*Dr. William C. Ruffin, Jr., Gainesville, FL
Dr. Palmer F. Shelburne, Greensboro
Dr. Henry L. Stephenson, Jr., Washington
Dr. Francis A. Stewart, Marshville
*Dr. Robert L. Summerlin, Jr., Dublin
*Dr. G. Reginald Tucker, Jr., Henderson
Dr. William J. Waddell, Prospect, KY
*Dr. W. Wallace White, Cincinnati, OH

CLASS of 1956
*Dr. Juris Bergmanis, Honolulu, HI
*Dr. Richard A. Boyd, Statesville
Dr. Wade M. Brannan, Port Arthur, TX
Dr. Lee A. Clark, Jr., Wilson
Dr. John W. Deyton, Jr., Jacksonville
Dr. William E. Easterling, Jr., Chapel Hill
*Dr. John T. Evans, Chattanooga, TN
*Dr. Robert A. Farmer, Vacaville, CA
Dr. Alexander F. Goley, Burlington
Dr. John L. Hazlehurst, III, Asheville
Dr. Otis M. Lowry, Spring Hope
Dr. Malcolm McLean, Charlotte
*Dr. William W. McLendon, Chapel Hill
Dr. J. Doyle Medders, Louisburg
Dr. Robert L. Murray, Roanoke, VA
Dr. Francis D. Pepper, Jr., Winston-Salem
Dr. James F. Richards, Jr., Orlando, FL
Dr. John W. Vassey, Raleigh
*Dr. William B. Wood, Chapel Hill
Dr. Dewey H. Yarley, Durham

CLASS of 1957
Dr. Helen H. Bryngelson, Augusta, GA
Dr. James H. Burrus, Shelby
Dr. Robert S. Cline, Sanford
Dr. Luther H. Clontz, Morganton
Dr. William P. Cornell, Phoenix, AZ

Dr. John K. Farrington, High Point
Dr. James W. Fresh, Green Cove Springs, FL
*Dr. J. Grayson Hall, Dobson
Dr. Bennett A. Hayes, Jr., Fayetteville
*Dr. Richard V. Liles, Jr., Albemarle
Dr. Harvey A. Page, Pikeville, KY
Dr. Irl T. Sell, III, Phoenix, AZ
*Dr. James H. M. Thorp, Rocky Mount
Dr. Gerald M. Wagger, Palo Alto, CA
Dr. Earl P. Welch, Jr., Winston-Salem
Dr. Robert T. Whitlock, New York, NY
*Dr. Benson R. Wilcox, Chapel Hill
*Dr. David A. Williams, Laurinburg

CLASS of 1958
Dr. John I. Brooks, Jr., Tarboro
Dr. M. Paul Capp, Tucson, AZ
Dr. Andrew J. Courts, Greensboro
Dr. David B. Crosland, Concord
Dr. James R. Edwards, Raleigh
Dr. George E. Ennis, Hickory
Dr. Nancy P. Fawcett, West Hollywood, FL
Dr. John S. Howie, Raleigh
Dr. Luther S. Nelson, Amarillo, TX
Dr. T. Lane Ormand, Monroe
Dr. Dewey H. Pate, Raleigh

CLASS of 1959
Dr. Doris B. Braxton, Burlington
Dr. Bobby C. Brown, Decatur, GA
*Dr. Robert C. Brown, Chapel Hill
Dr. D. Whitaker Davis, Wadesboro
Dr. Charles F. Gilbert, Greenville
*Dr. Joel S. Goodwin, Salisbury
*Dr. Robert L. Green, Winston-Salem
Dr. O. James Hart, Jr., Mocksville
Dr. David L. Kelly, Jr., Winston-Salem, DSA '90
Dr. Wilfred D. Little, Jr., Tampa, FL
Dr. Edward L. Mitchell, Prospect, KY
*Dr. A. Sherman Morris, Jr., Asheville
Dr. Julian W. Selig, Jr., Elizabeth City
*Dr. Shahane R. Taylor, Jr., Greensboro
Dr. Charles E. Trado, Jr., Hickory
Dr. R. Lee West, Greenville
Dr. Franklin D. White, Siler City

CLASS of 1960
*Dr. William B. Abernethy, Jr., Gastonia
Dr. John M. Blount, III, Salisbury
Dr. Charles P. Eldridge, Jr., Houston, TX
*Dr. J. Thomas Fox, Jr., Charlotte
Dr. Robert H. Hackler, III, Richmond, VA
*Dr. James R. Harper, Durham
Dr. L. Gordon Kirschner, Washington, DC
*Dr. E. Carwile LeRoy, Charleston, SC, DSA '88
*Dr. James M. Marlowe, High Point
Dr. J. Gray McAllister, III, Chapel Hill
Dr. Duncan S. Owen, Jr., Richmond, VA
Dr. Robert B. Payne, Mooresville
Dr. Elizabeth V. Raft, Durham
Dr. Charles W. Robinson, III, San Antonio, TX
Dr. Elliott Solomon, Rye, NY
Dr. G. Thomas Strickland, Jr., Baltimore, MD
*Dr. John C. Tayloe, New Bern
Dr. P. Burt Veazey, Sarasota, FL
Dr. John A. Young, Charlotte

CLASS of 1961
Dr. William S. Bradford, Windermere, FL
Dr. H. David Bruton, Carthage, DSA '80
Dr. John W. Garden, Lexington, KY
Dr. William S. Gibson, Jr., Riverside, PA
Dr. John C. Graham, Jr., Elizabeth City
Dr. Richard W. Hudson, Bayboro
Dr. Richard D. Jordan, Salisbury
Dr. W. Stacy Miller, Raleigh
Dr. A. Ray Newsome, Winston-Salem
Dr. C. Rex O'Briant, Dallas, TX
Dr. William L. Owens, Clinton
Dr. Cecil H. Rand, Jr., Greenville
Dr. Leonard E. Reaves, III, Fayetteville
Dr. Bobby A. Richardson, Ocala, FL
Dr. James H. Robinson, Wilmington
Dr. W. Ferrell Shuford, Jr., Wilmington
*Dr. Jerry E. Smith, Southern Pines
Dr. Joshua Tayloe, Washington
*Dr. Zebulon Weaver, III, Asheville
Dr. Donn A. Wells, Fort Lauderdale, FL

CLASS of 1962
Dr. Oscar H. Bolch, Jr., San Diego, CA
*Dr. Lawrence M. Cutchin, Tarboro, DSA '90
Dr. Marion W. Griffin, Asheboro
Dr. Ray M. Hayworth, Knoxville, TN
Dr. Edward M. Hedgpeth, Jr., Durham
Dr. Charles M. Hicks, Wilmington
Dr. William C. Latham, Thomasville
*Dr. John L. Monroe, Pinehurst
Dr. William A. Nebel, Chapel Hill
Dr. Carl S. Phipps, Winston-Salem
Dr. William R. Pitser, Winston-Salem
Dr. J. Flint Rhodes, Raleigh
Dr. D. Emerson Scarborough, Jr., Raleigh
Dr. Henry C. Turner, Winston-Salem
Dr. David T. Watson, Atlanta, GA
Dr. Abner C. Withers, Drexel

CLASS of 1963
*Dr. William P. Algary, Greenville, SC
Dr. Quincy A. Ayscue, Sr., Norfolk, VA
Dr. Neil C. Bender, New Bern
Dr. W. Paul Biggers, Chapel Hill
Dr. J. Andrew Burnam, Fort Myers, FL
Dr. Robert J. Cowan, Winston-Salem
Dr. John W. Dalton, Jr., Santa Monica, CA
Dr. William O. Jolly, III, Albemarle
*Dr. W. Bryan Latham, Coral Gables, FL
Dr. Charles I. Loftin, III, Roanoke, VA
Dr. Charles J. Sawyer, III, Ahoskie
Dr. Samuel E. Scott, Burlington
*Dr. Richard W. Shermer, Chapel Hill
Dr. David W. Sillmon, Greensboro
Dr. Jerry A. Smith, Memphis, TN
Dr. Roy A. Weaver, Fayetteville
Dr. James G. White, Ormond Beach, FL

CLASS of 1964
Dr. Rudolf F. Albert, Roanoke, VA
Dr. Winslow Brabson, Hampton Falls, NH
Dr. Harry L. Broome, Alpharetta, GA
Dr. W. Rowell Burleson, Lumberton
*Dr. Robert D. Croom, III, Chapel Hill
Dr. John B. Fox, Paradise Valley, AZ
Dr. G. Patrick Henderson, Jr., Southern Pines
Dr. D. Charles Hunsinger, Springhill, LA
Dr. Mickael M. Kannan, Richmond, Va
*Dr. W. Kirby Kilpatrick, Jr., Pinehurst

CLASS of 1965
Dr. Marvin Ray Goldstein, Scottsdale, AZ
Dr. Robert L. Grubb, Jr., Glendale, MO
Dr. Joe P. Hurt, Sylva
Dr. Robert T. Kindley, Fort Walton Beach, FL
*Dr. Gordon B. LeGrand, Raleigh
Dr. Donald D. McNeill, Jr., Lenoir
Dr. Peter A. Modrow, Raleigh
*Dr. Thomas L. Presson, Greensboro
Dr. William F. Sayers, Winston-Salem
Dr. John B. Shinn, Los Altos, CA
Dr. Evin H. Sides, III, Raleigh
Dr. Williamson B. Strum, La Jolla, CA
*Dr. Donald P. Whitley, Richmond, VA
*Dr. Willis H. Williams, Atlanta, GA

CLASS of 1966
Dr. J. Curtis Abell, Statesville
*Dr. Robert H. Bilbro, Raleigh
*Dr. Paul L. Burroughs, Jr., Raleigh
Dr. John R. Crawford, III, Salisbury
Dr. William M. Crutchfield, Elizabeth City
Dr. N. Parke Davis, II, Wilson
*Dr. Philip C. Deaton, Greensboro
Dr. Wesley C. Fowler, Jr., Chapel Hill
Dr. Cyrus L. Gray, III, Tampa, FL
Dr. Carol H. Hackett, Mercer Island, WA
Dr. N. Neil Howell, Charlotte
*Dr. Thomas J. Koontz, Winston-Salem
Dr. Hugh A. McAllister, Jr., Houston, TX
Dr. Hugh G. Murray, Jr., Atlanta, GA
Dr. Robert E. Sevier, Greensboro
Dr. J. Lewis Sigmon, Jr., Cornelius
Dr. Robert G. Simmons, Danville, VA
Dr. H. Lee Smyre, Greer, SC
Dr. E. Walker Stevens, Jr., Greensboro
*Dr. W. Hunter Vaughan, Steubenville, OH
Dr. James A. Yount, Charlotte

CLASS of 1967
Dr. Frederick D. Austin, III, Washington
Dr. F. Walton Avery, Raleigh
Dr. Gerald W. Blake, Raleigh
Dr. Charles L. Clarke, Jr., Las Vegas, NM
Dr. C. Allan Eure, Raleigh
Dr. David A. Evans, Monroe
Dr. R. Donald Garrison, Jacksonville, FL
Dr. Harvey J. Hamrick, Chapel Hill
*Dr. L. Fuller Honeycutt, Raleigh
*Dr. James D. Hundley, Wilmington
Dr. Linda H. Jackson, Arden
Dr. Scott G. Kleiman, Marietta, GA
Dr. Frank W. Leak, Sr., Clinton
Dr. Hugh T. Lefler, Jr., Fort Worth, TX
Dr. Jacob A. Lohr, Charlottesville, VA
*Dr. W. Jason McDaniel, Jr., Raleigh
Dr. Joseph T. McLamb, Goldsboro
Dr. Harold B. Owens, Danville, VA
Dr. Albert L. Roper, II, Norfolk, VA
*Dr. Henry C. Thomason, Jr., Gastonia
Dr. J. Wayne Tippett, San Antonio, TX
Dr. Jay R. Tuttle, Vincennes, IN
Dr. Barry M. Welborne, Charlotte

CLASS of 1968
Dr. George W. Bensch, Stockton, CA
Dr. Lucius Blanchard, Jr., Las Vegas, NV
Dr. Philip D. Coleman, Washington
Dr. Edward W. Davidian, Chapel Hill
Dr. Alan Davidson, III, Longmeadow, MA
Dr. Frank W. Gwathmey, Norfolk, VA
Dr. Hoke F. Henderson, Jr., Columbia, SC
Dr. John L. Kirkland, III, Houston, TX
*Dr. Jerold E. Lancourt, Dallas, TX
Dr. John C. Markham, III, Augusta, GA
Dr. David J. Reese, II, Alexandria, VA
Dr. Carole W. Samuelson, Birmingham, AL
Dr. George S. Stretcher, Spartanburg, SC
Dr. Herman O. Thompson, Jr., Columbia, SC
Dr. John C. Triplett, Washington, DC
Dr. F. Charles Tucker, Jr., Pensacola, FL
Dr. J. Allen Whitaker, III, Wilson
Dr. Jerry C. Woodard, Wilson

CLASS of 1969
*Dr. H. Wallace Baird, Greensboro
Dr. W. Woodrow Burns, Jr., Chapel Hill
Dr. Don C. Chaplin, Burlington
Dr. Andrew Davidson, New Bern
Dr. John L. Davis, III, Atlanta, GA
Dr. Stewart L. Ellington, Salt Lake City, UT
Dr. Eugene B. Ferris, Honolulu, HI
Dr. C. Richard Fleming, Jacksonville, FL
Dr. Thomas R. Griggs, Hillsborough
Dr. G. Patrick Guiteras, Chapel Hill
Dr. Edward W. Haselden, Jr., Columbia, SC
Dr. C. Clement Lucas, Jr., Larchmont, NY
Dr. Henry J. MacDonald, Jr., New Bern
Dr. Donald M. MacQueen, Wilmington

Dr. David W. Pearsall, Jr., Greenville
Dr. Joseph D. Russell, Wilson
*Dr. David S. Sheps, Chapel Hill
*Dr. Karen C. Sorrels, Midlothian, VA
Dr. Franklin T. Tew, Windermere, FL

CLASS of 1970
Dr. H. Clifford Baggett, Jr., Rocky Mount
*Dr. Jerry C. Bernstein, Raleigh
Dr. Robert G. Blair, Jr., New Bern
Dr. William J. Busby, Thomasville
Dr. Harold H. Cameron, New Bern
Dr. Mary H. Edwards, Pittsburgh, PA
Dr. Richard M. Freeman, Opelika, AL
Dr. Stephen L. Green, Newport News, VA
Dr. Frederick W. Henderson, Chapel Hill
Dr. William B. Hooks, Jr., Mount Airy
Dr. Donald D. Howe, Gastonia
Dr. James J. Jenkins, St. Louis, MO
Dr. Frederick G. Kroncke, Jr., Rocky Mount
Dr. Charles D. Lefler, Brevard
Dr. Julian L. Lokey, Jr., Atlanta, GA
Dr. Michael A. Moore, Danville, VA
Dr. Martha E. Parker, Weaverville
Dr. R. Kirby Primm, Wenatchee, WA
*Dr. David A. Rendleman, III, Raleigh
Dr. A. Stevens Rubin, Jr., Chatsworth, CA
Dr. M. Eugene Sherman, Englewood, CO
Dr. James B. Sloan, Wilmington
Dr. James D. Smithwick, Laurinburg
Dr. Rick I. Suberman, Chapel Hill
Dr. Charles E. Thompson, New Rochelle, NY
Dr. T. Reed Underhill, New Bern
Dr. Ross L. Vaughan, Raleigh
Dr. Dewey D. Walker, Denver, CO
*Dr. Edwin L. Walker, Littleton, CO
Dr. William J. Weatherly, Greensboro
*Dr. James E. Winslow, Jr., Roxboro
*Dr. John W. Zirkle, Jefferson City, TN

CLASS of 1971
Dr. J. Richard Auman, Chesapeake, VA
Dr. Robert A. Bashford, Chapel Hill
Dr. James S. Coxe, III., Raleigh
Dr. Jane M. Foy, Oak Ridge
Dr. W. Ray Gammon, Chapel Hill
Dr. Clarence A. Griffin, III, Longmont, CO
Dr. W. Randolph Grigg, Chapel Hill
Dr. Walter D. Holder, Jr., Charlotte
Dr. Michael R. Knowles, Chapel Hill
Dr. Edgar W. Little, Greensboro
Dr. James S. McFadden, Pinehurst
*Dr. Philip D. Meador, Jr., Henderson
Dr. William B. Pittman, Jr.
Dr. R. Randolph Powell, Fox Point, WI
Dr. John O. Reynolds, Jr., Salisbury
Dr. Charles H. Richman, Saratoga Springs, NY
Dr. Sara H. Sinal, Winston-Salem
*Dr. Cameron L. Smith, Greenville
*Dr. John P. Surratt, Clinton
Dr. J. Peter Van Dorsten, Richmond, VA
*Dr. George C. Venters, Raleigh
*Dr. William W. Webb, Jr., Salisbury
Dr. Blane W. Yelton, Jr., Thomasville

CLASS of 1972
*Dr. Larry L. Adams, New Bern
Dr. Myron H. Brand, Madison, CT
Dr. Peter R. Bream, Jacksonville, FL
Dr. L. Franklin Cashwell, Jr., Greensboro
Dr. Peter G. Chikes, Concord
Dr. W. Andrew Cook, Houston, TX
Dr. Robert B. Felder, Iowa City, IA
Dr. Don A. Gabriel, Chapel Hill
Dr. Walter B. Greene, Chapel Hill
Dr. Alger V. Hamrick, III, Raleigh
Dr. F. Christian Heaton, Raleigh
Dr. John T. Henley, Jr., Fayetteville
Dr. Larry A. High, Jr., Rocky Mount
Dr. John S. Hughes, New Haven, Ct
Dr. J. Ronald Hunt, Columbus, GA
Dr. Michael C. Jones, Hendersonville
*Dr. Howard S. Kroop, Woodbury, NJ
Dr. John R. Lurain, III, Oak Park, IL
Dr. John T. Manning, Jr., Houston, TX
Dr. Steven R. Mills, Fairfax, VA
Dr. William J. Simons, Cockeysville Hunt, MD
*Dr. Ronald J. Stanley, Boone
Dr. G. Dean Wilson, Jr., Johnson City, TN
Dr. J. Richard Young, Newton Highlands, MA

CLASS of 1973
Dr. Kenneth Banks, Durham
Dr. G. Ruffin Benton, III, Brevard
Dr. Stephen A. Bernard, Chapel Hill
Dr. Stephen B. Billick, New York, NY
Dr. Jesse A. Blackman, Fremont
Dr. Franklin S. Clark, III, Fayetteville
Dr. Melvin L. Clayton, Ahoskie
*Dr. Charles H. Edwards, II., Charlotte
Dr. Michael D. Gooden, Goldsboro
*Dr. F. Daniel Jackson, Cumberland, MD
Dr. E. Earl Jenkins, Jr., Rock Hill, SC
Dr. J. Charles Jennette, Chapel Hill
Dr. Colin D. Jones, Winton
Dr. John C. Long, Pfafftown
Dr. James N. Martin, Jr., Jackson MS
Dr. Dale A. Newton, Tarboro
Dr. Wilton M. Reavis, Jr., Lakeland, FL
Dr. C. Stewart Rogers, Greensboro
Dr. Susan S. Sherman, Englewood, CO
Dr. Frank B. Sloop, Jr., Charlottesville, VA
Dr. Thomas N. Suciu, Yuma, AZ
Dr. William H. Whisnant, Bristol, TN

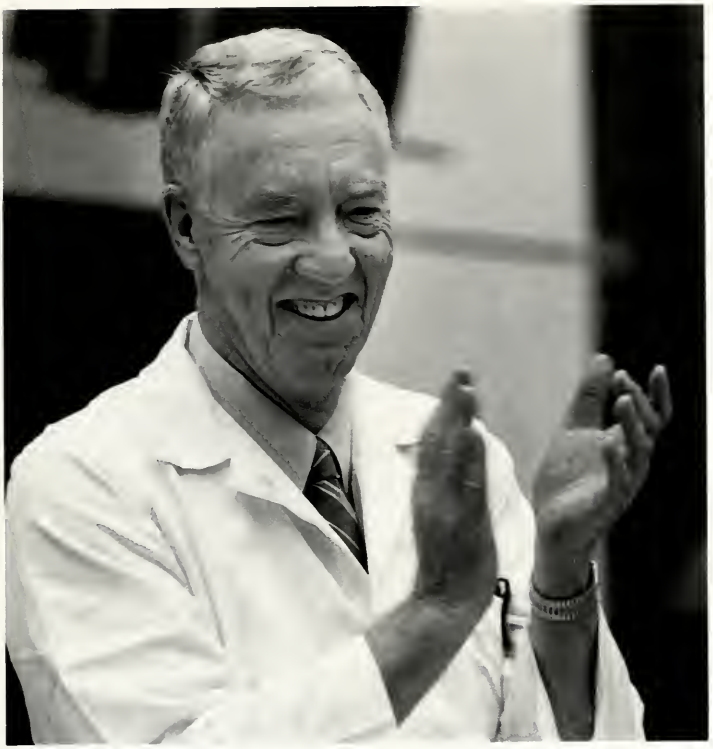
CLASS of 1974
Dr. John H. Baker, Williamsburg, VA
Dr. Thomas W. Bouldin, Chapel Hill
Dr. William E. Bowman, Jr., Greensboro
Dr. George W. Colclough, Lexington, KY
Dr. Donna E. Frick, Chapel Hill
Dr. Stephen S. Hawkins, Hixson, TN
Dr. J. Harden Howell, III, Wenatchee, WA
Dr. C. Norman Hurwitz, Hamilton, OH
*Dr. Joseph M. Jenkins, Washington
Dr. William H. Katz, Auburn, ME
Dr. John A. Long, III, Raleigh
Dr. Clarence E. Lloyd, Jr., Greensboro
Dr. Robert L. Reddick, Durham
Dr. David E. Tart, Hickory
Dr. David T. Tayloe, Jr., Goldsboro, DSA '89
Dr. Charles H. Weiss, Newton, MA
Dr. Kenneth H. Wilson, Durham
Dr. William G. Wilson, Charlottesville, VA

CLASS of 1975
Dr. E. Jackson Allison, Jr., Greenville
Dr. Bruce A. Berlow, Santa Barbara, CA
Dr. Julian T. Brantley, Jr., Bethesda, MD
Dr. E. Drew Bridges, Wake Forest
Dr. Frank B. Fondren, III, Mobile, AL
*Dr. Richard F. Fox, Greensboro
Dr. Eric H. Helsabeck, Asheboro
Dr. Ernest J. F. Krug, III, Greenville, SC
Dr. David C. Lanier, Washington, DC
Dr. Frank J. Miller, Chattanooga, TN
Dr. Stephen M. Miller, Greensboro
Dr. Frank H. Moretz, Asheville
Dr. Wade H. Moser, Jr., Cary
*Dr. W. Ronald Neal, Greensboro
Dr. Henry E. Parfitt, Jr., Fayetteville
Dr. James E. Peacock, Jr., Winston-Salem
Dr. Joseph R. Pringle, Jr., Burlington
Dr. Michael A. Stang, Pikesville, MD
Dr. Kenneth K. Steinweg, Fayetteville
Dr. F. Alan Thompson, Asheville
Dr. Mark M. Vogelhut, Tallahassee, FL
*Dr. Kenneth H. Winter, Greensboro

CLASS of 1976
Dr. Kirkwood F. Adams, Jr., Chapel Hill
Dr. Janet C. Aiken, Gastonia
Dr. Warwick Aiken, III, Gastonia
Dr. Michael L. Barringer, Shelby
Dr. Paul D. Barry, Greensboro
Dr. Robyn W. Barst, Scarsdale, NY
Dr. W. Bryson Bateman, Jr., Goldsboro
Dr. Martin F. Beals, Jr., Elizabeth City
Dr. Robert G. Berger, Chapel Hill
Dr. Jean C. Bolan, Washington, DC
Dr. Alexis C. Bouteneff, Litchfield, CT
Dr. Richard A. Bowerman, Ann Arbor, MI
Dr. Barbara J. Campbell, Somerset, PA
*Dr. Catherine J. Everett, New Bern
*Dr. Kathleen A. Gallagher, Charlotte
Dr. William H. Gamble, Greensboro
Dr. Rita L. Gunter, Fayetteville
Dr. Charles H. Hicks, Raleigh
Dr. J. Lee Hoffer, Boliver, OH
Dr. William L. Isley, Overland Park, KS
Dr. Walker A. Long, Chapel Hill
Dr. Stephan B. Lowe, Winston-Salem
Dr. Ross D. Lynch, Columbia, SC
Dr. John H. McMurray, Charlotte
Dr. Michael E. Miller, Franklin, TN
Dr. B. Douglas Morton, III, Macon, GA
Dr. Robert S. Moskalik, Coldwater, MI
Dr. David B. Neeland, Montgomery, AL
Dr. Harold A. Nichols, Greensboro
Dr. James S. Parsons, Raleigh
*Dr. Douglas C. Privette, Greenville
Dr. Sheldon M. Retchin, Richmond, VA
*Dr. William A. Richey, New Bern
Dr. Linnea W. Smith, Chapel Hill
Dr. Rufus H. Temple, Jr., Wilmington
Dr. Robert S. Tomsick, Chapel Hill
Dr. Mark E. Williams, Chapel Hill
Dr. Richard L. Wing, Charlotte

CLASS of 1977
Dr. John W. Byers, Green Cove Springs, FL
Dr. Joseph E. Craft, Gilford, CT
Dr. Allen J. Daugird, Columbia, MO
Dr. Meyer E. Dworsky, Birmingham, AL
Dr. George M. Johnson, West Hartford, CT
Dr. L. Lyndon Key, Jr., Greensboro
Dr. Michael E. King, Winston-Salem
Dr. Fredrick H. Mabry, Laurinburg
Dr. David H. Moore, Charlotte
Dr. Warren H. Moore, Sugar Land, TX
Dr. Pamela A. Nelson, Raleigh
Dr. James B. Patterson, Burlington
Dr. Louis M. Perlmutt, Chapel Hill
Dr. Michael L. Pool, Knoxville, TN
Dr. Duncan S. Postma, Tallahassee, FL
Dr. Catherine M. Radovich, Tsaile, AZ
*Dr. William H. Ryan, III, Dallas, TX
Dr. Samuel T. Selden, Chesapeake, VA
Dr. Howard J. Stang, Saint Paul, MN
Dr. Gregory Strayhorn, Chapel Hill
Dr. Kenneth M. Twiddy, Decatur, GA
Dr. Richard H. Weisler, Raleigh
Dr. Michael S. Wheeler, Rutherfordton

CLASS of 1978
Dr. John D. Benson, Cary
Dr. Brian J. Cohen, Cambridge, MA
Dr. Paul W. Coughlin, High Point
Dr. George T. DiFerdinando, Jr., Albany, NY
Dr. Allison J. Dudley, Charlotte
Dr. George S. Edwards, Jr., Raleigh
Dr. Martha L. Elks, Lubbock, TX
Dr. Gary R. Krieger, Boulder, CO
Dr. Louisa A. Lorenzo, Carrboro
Dr. Jeffrey A. Margolis, Eden
*Dr. Lonnie W. Merrick, Fresno, CA
Dr. Mark D. Monson, Spartanburg, SC
Dr. Cassandra F. Newkirk, Atlanta, GA



William E. Bakewell Jr., M.D.

Dr. James E. Nicholson, III, Williamston
Dr. Donna L. Prather, Carrboro
Dr. H. Craig Price, Raleigh
Dr. Howard L. Russell, Oakland, CA
Dr. Peter A. Schlesinger, Roseville, MN
Dr. Stuart C. Segerman, Atlanta, GA
Dr. Donna S. Sperber, Saint Petersburg, FL
Dr. Alan D. Stiles, Carrboro
Dr. William A. Walker, Charlotte
Dr. Ralph L. Wall, Jr., Clemmons

CLASS of 1979
Dr. Andrew H. Balder, Longmeadow, MA
Dr. John D. Brandon, Seal Beach, CA
Dr. Gail M. Capel, Schenectady
Dr. Douglas M. DeLong, Ladysmith, WI
Dr. F. Andrew Dorr, Columbia, MD
Dr. Elizabeth A. Eagle, Greensboro
Dr. Allen R. Edwards, Statesville
Dr. Ellen B. Fitzgerald, Tulsa, OK
Dr. Ira R. Friedlander, Chicago, IL
Dr. Michael S. Garrison, Lexington
Dr. Michael S. Gurney, Tigard, OR
Dr. Charles O. Harris, Chapel Hill
Dr. Lawrence H. Hooper, Jr., El Paso, TX
Dr. David W. Kohl, Seminole, FL
Dr. Steven Krumholz, West Palm Beach, FL
Dr. Julia E. McMurray, Wellesley, MA
*Dr. Darlyne Menscer, Charlotte
Dr. James G. Peden, Jr., Greenville
Dr. Charles N. Reed, Hickory
Dr. Thomas F. Russell, Chicago, IL
Dr. Steven R. Sherwin, East Hills, NY
Dr. Richard L. Sigmon, Jr., Charlotte
Dr. Margery S. Sved, Durham
Dr. Frances R. Thomas, Chicago, IL
Dr. Paul Vadnis, Charlotte
Dr. C. Phillip Whitworth, Forest City
*Dr. Norman F. Woodlief, Cedar Falls, IA

CLASS of 1980
Dr. Edward H. Bertram, III, Charlottesville, VA
Dr. Ernest B. Eason, Burlington
Dr. Patricia T. Edkins, Chapel Hill
Dr. Clarence O. Ellis, Charlotte
Dr. Barry J. Freeman, Los Angeles, CA
Dr. David D. Gutterman, Iowa City, IA
Dr. Raymond A. Hackett, Wayzata, MN
Dr. Sandra K. Haigler, Lexington, KY
Dr. Mary L. Hawes, Rocky Mount
Dr. Carl L. Haynes, Kinston
Dr. Mark A. Helvie, Ann Arbor, MI
Dr. Philip R. Johnson, Jr., Silver Spring, MD
Dr. Janice D. Key, Greensboro
Dr. Daniel M. Lewis, Charlotte
Dr. Steven K. McCombs, Chapel Hill
Dr. Mohamed A. Omran, Jr., Carmichael, CA
Dr. T. Michael O'Shea, Winston-Salem
Dr. Jack B. Potter, Jr., Atlanta, GA
Dr. Timothy A. Presnell, Richlands, VA
Dr. Petrie M. Rainey, Hamden, CT
Dr. Lyle S. Saltzman, Satellite Beach, FL
Dr. Andrew M. Singer, Brookline, MA
Dr. A. Rogers, Summerlin, III, Dothan, AL
Dr. Janet S. Vogel, Hickory

CLASS of 1981
Dr. Rebecca I. Ayres, Roswell, GA
Dr. Elizabeth S. Babcox, Shaker Heights, OH
Dr. David S. Barnes, Shaker Heights, OH
Dr. Elizabeth P. Belch, Melbourne, FL
Dr. Phillip M. Bridgman, Potsdam, NY
Dr. Stephen E. Buie, Asheville
Dr. Michael C. Burnette, Tampa, FL
Dr. William V. Cuthrell, Madison Heights, VA
Dr. Laura J. D'Angelo, Nashville, TN
*Dr. Deborah H. Davis, Auburn, WA
Dr. David M. Deitz, Olympia, WA
Dr. Amelia F. Drake, Chapel Hill
Dr. David A. Goff, Raleigh
Dr. Terry R. Gordon, Dearborn, MI
Dr. Edward K. Isbey, III, Asheville
Dr. Weldon H. Jordan, Jr., Elk Grove, CA
Dr. Douglas Stuart Kernodle, Brentwood, TN
Dr. G. Wallace Kernodle, Burlington
Dr. Douglas P. Kiel, Canton, MA
Dr. Garland C. King, Franklin
*Dr. Jan P. Kovach, Fairbanks, AK
Dr. Leigh S. Lehan, Raleigh
Dr. Alix J. Lovitz, Encino, CA
Dr. Jane E. Lysko, Asheville
Dr. Saundra A. Maass-Robinson, East Point, GA
Dr. John R. Mangum, Sanford
Dr. Howard D. McClamrock, Baltimore, MD
Dr. Paul M. Parker, Atlanta, GA
*Dr. Herbert O. Phillips, IV, Webster
Dr. Peter L. Pleasants, Providence, RI
Dr. Teresa A. Rummans, Rochester, MN
Dr. Timothy G. Saunders, Charlotte
Dr. George H. Steele, Jr., Chapel Hill
Dr. Jeannette F. Stein, Durham
Dr. Ronald M. Walters, Whiteville
Dr. James D. Whinna, Monroe
Dr. Lena K. White, Charlotte
Dr. Warden L. Woodard, III, Charlotte

CLASS of 1982
Dr. Joseph L. Albright, Jr., Alexandria, VA
Dr. Mary J. Baxley, Greensboro
Dr. Karen P. Beckerman, Clayton, MO
Dr. Lawrence N. Bennett, Wilkesboro
Dr. David W. Cash, Statesville
Dr. Nancy C. Chescheir, Chapel Hill
Dr. Robert C. Dellinger, Jr., Columbia, SC
Dr. Steven A. Dingeldein, Burlington
Dr. H. Alexander Easley, III, Greenville
Dr. Manning M. Goldsmith, III, Savannah, GA
Dr. Thomas W. Graham, Carrboro
Dr. Stephen C. Hartsell, Salt Lake City, UT
Dr. Timothy O. Jenkins, Concord
Dr. George A. Kallianos, Atlanta, GA
Dr. Angela Kendrick, Portland, OR
Dr. Wade H. King, San Francisco, CA
Dr. Sue Kirkman, Durham
Dr. Paula M. Kreitzer, Bellerose, NY
Dr. Barbara A. Lowe, Dunn
Dr. Jack A. Lucas, Charlotte
Dr. David W. McMurry, Concord
Dr. Myrlin L. Murphy, Chapel Hill
Dr. Carl D. Pate, Jr., Beulaville
Dr. Mark D. Peacock, Mooresville
*Dr. David A. Tate, Chapel Hill
Dr. Eric D. Van Tassel, Asheville
Dr. James G. Wall, San Antonio, TX
Dr. Terry W. Wallace, Charlotte
Dr. Kathryn L. Weise, Charlottesville, VA
Dr. Fred H. Wilson, Greensboro

CLASS of 1983
Dr. Cristin J. Babcock, Durham
Dr. Aubrey D. Calhoun, Mooresville
*Dr. Donald W. Carringer, Crossmore
Dr. John A. Connell, Gainesville, GA
Dr. Gary L. Fink, Faith
Dr. Michael B. Fischer, Glastonbury, CT
Dr. Mark W. Jacokes, Nashville, TN
Dr. Paul L. Molina, Jr., St. Louis, MO
Dr. Joan T. Perry, Kinston
Dr. Gary T. Podgorski, Columbia, TN

Dr. Randy G. Robinson, Greenwood, SC
Dr. Hermon W. Smith, III, Columbia, MD
Dr. Eugene R. Soares, Durham, NH
*Dr. Deborah L. Tussing, Annapolis, MD
Dr. Gregory A. Underwood, Denver, CO

CLASS of 1984
Dr. James P. Alexander, Jr., Decatur, GA
Dr. Lynn Black, Riverside, CT
Dr. Eli D. Finkelstein, Cranford, NJ
Dr. James L. Freddo, San Diego, CA
Dr. Ronald P. Hargrave, Rock Hill, SC
Dr. James R. Harper, Jr., Wilmington
Dr. Elgin Hobbs, Jr., Martinez, GA
Dr. Marcia A. Koomen, Chapel Hill
Dr. C. Jake Lambert, Jr., Durham
Dr. Richard C. Noble, Raleigh
Dr. Mark E. Peele, Steilacom, WA
Dr. Ronald E. Pruitt, Nashville, TN
Dr. Mary A. Saunders, Springfield, IL
Dr. John M. Schoffstall, Philadelphia, PA
Dr. Thomas C. Spangler, Winston-Salem
Dr. Sharan R. Stephenson, Cary
Dr. Richard C. Stuntz, Jr., Charlotte
Dr. Paul E. Viser, Clinton
Dr. Mark L. Warren, Greenville
Dr. Phyllis M. Woodring, Winston-Salem

CLASS of 1985
Dr. Leslie A. Bunce, Rochester, NY
Dr. Harriet Bursztyn, Evanston, IL
Dr. James J. Hardy, Charlotte
Dr. Rona E. Hodge, Kansas City, MO
Dr. Gary M. Horowitz, San Antonio, TX
Dr. Bennie Lee E. Jarvis, Rocky Mount
Dr. Margaret G. Johnson, Chapel Hill
Dr. Peter M. Jordan, Winston-Salem
Dr. Theodore C. Kerner, Jr., Winston-Salem
Dr. Mary E. Meighan, Branford, CT
Dr. Stephen B. Mitchell, Morehead, KY
Dr. Terry A. Morrow, Portland, OR
Dr. Eric S. Scharling, Lewisville
Dr. Helen E. Smith, Roanoke, VA
Dr. Carla A. Sueta, Chapel Hill
Dr. Patti B. Wheeler, Highlands
*Dr. Randall W. Williams, Raleigh

CLASS of 1986
Dr. Mary A. Carter, Chapel Hill
Dr. Stephen E. Deal, Richmond, VA
Dr. Bruce E. Herman, Salt Lake City, UT
Dr. Walton K. Joyner, Jr., Raleigh
Dr. Rebecca S. Kennedy, Carrboro
Dr. Patricia C. LaRocco, Willingboro, NJ
Dr. Patricia A. Michael, Raleigh
Dr. Michael E. Norins, Greensboro
Dr. Anne D. Oakley, Camp Hill, PA
Dr. David C. Pearce, Williamsburg, VA
Dr. Wayne R. Rackoff, Philadelphia, PA
Dr. Amy H. Tucker, Charlottesville, VA
Dr. Deborah T. Wadsworth, Columbia Heights, MN
Dr. Larkin T. Wadsworth, III, Columbia Heights, MN
Dr. Johnathan D. Williams, Gastonia

CLASS of 1987
Dr. Eve S. Anderson, Tampa, FL
Dr. Charles A. Bolick, Iowa City, IA
Dr. David W. Boone, Chattanooga, TN
Dr. R. Lee Jobe, Nashville, TN
Dr. William W. Nichols, Knoxville, TN
Dr. Joseph E. Roberts, Jr., Greensboro
Dr. Ronald B. Shapiro, Indianapolis, IN
Dr. David J. Sheridan, Baltimore, MD
Dr. William R. Sutton, Charleston, SC

CLASS of 1988
Dr. Joseph T. Bell, II. Casper, WY
Dr. Brenton T. Burkholder, Asheville
Dr. Stuart J. Levin, Birmingham, AL
Dr. Richard C. Padgett, Iowa City, IA
Dr. Emmett F. Steward, Chapel Hill

CLASS of 1989
Dr. Lanier H. Ayscue, Chapel Hill
Dr. Valarie C. Clayborn, Chapel Hill
Dr. Thomas F. Funcik, Isle of Palms, SC
Dr. Patricia Gerr, Dallas, TX
Dr. Jon P. Woods, St. Louis, MO

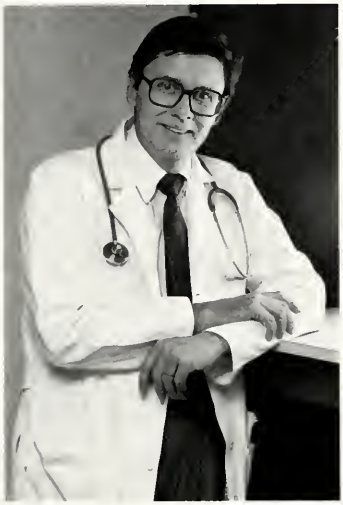
CLASS of 1990
Dr. Cedric M. Bright, Winston-Salem
*Dr. Leigh C. Haley, Chapel Hill
Dr. Wanda K. Nicholson, Durham

CME/Alumni Calendar

Medical Alumni Activities		
April 5-6	Medical Alumni Weekend	Chapel Hill
Continuing Education		
January 24-26	Womack Society Meeting	Chapel Hill
January 24-26	5th Annual Sports Medicine Symposium	Chapel Hill
March 1	Update on Anxiety Disorders	Chapel Hill
March 13-16	Internal Medicine Conference	Chapel Hill
March 14-16	Prevention of Prematurity & Neonatal Conference	San Diego, CA
March 21-23	Advances in Pediatric Emergency and Critical Care	Chapel Hill
March 22	Research in Primary Care	Chapel Hill
March 22-23	Expert Medical Evaluation in Child Physical and Sexual Abuse: Advances and Controversies	Chapel Hill
April 12	Third Annual Chamberlin Symposium	Durham
April 12-14	Preparing Family Physicians for the Challenges of Medical Practice in the Year 2000	Chapel Hill

For more information about CME courses or alumni activities, write the Office of Continuing Medical Education and Alumni Affairs, School of Medicine, 231 MacNider, Chapel Hill, NC 27514 or call (919) 962-2118.

President's Letter



The fall meeting of the Medical Alumni Association certainly reflected the tremendous change in momentum we've experienced in the last two years.

The continuing medical education program, "Obesity: Can We Make a Difference," was very well received. We originally had planned for 130 participants. That number rapidly increased to 150, and eventually, we had to turn away 70 due to space considerations.

Dr. Easterling and his staff are always looking for suggestions for future CME Programs of broad appeal. If you have any suggestions or questions, you may contact the CME/Alumni Affairs Office at (919) 962-2118, or through the Carolina Consultation Center at 1-800-862-6264. The staff is eager to hear from you about any alumni-related matter.

At the combined meeting of the Visiting Committee and the Alumni Council, UNC Hospitals housestaff representatives reported on trends in graduate medical education. Housestaff concerns have changed dramatically in the years since many of us finished our training. Medical students have a lot more to think about than we did. Issues such as AIDS, day care, matching of married students, federal financing and education debt were among just a few problems discussed.

There is a program, sponsored by the Student American Medical Association, in which housestaff meet with medical students who are applying for postgraduate training programs. The Medical Alumni office is identifying alumni to act as resources for students interviewing at hospitals in their cities, especially in areas near medical centers. The program will involve helping students in various ways—from hosting a student in our homes to providing information about the hospital or city. In any case, we can play an important role in affecting career decisions, and we can rest assured that our particular perspectives and input are very much desired and needed. If you are interested in participating, I would urge you to contact the Medical Alumni Office.

Also at the meeting, Dean Bondurant outlined the current "state of the school." He emphasized the changing level of state support and third-party reimbursement. The problems we face in private practice pale in comparison.

This leads us naturally into the growing importance of alumni financial support for our medical school. Private schools have relied on support from alumni for years. It is a paradox that the extra cost of medical education in a private institution is followed by alumni giving far out of proportion to that seen from graduates of a "state-supported" school such as UNC. I don't think this reflects a less generous or grateful graduate as much as it reflects the degree of solicitation of gifts from private schools.

In 1988-1989, we had only 9 percent of the graduates involved in our annual alumni giving program. With new development initiatives, that number increased to 20 percent in 1989-1990, but we need to do much better to meet our needs and achieve levels of annual giving equal to that enjoyed by our neighboring private institution.

The UNC School of Medicine has in place a professional staff that will help you demonstrate your generosity and gratitude. I appreciate your continued support.

Dave Rendleman

D.A. Rendleman III, M.D., '70

Nonprofit Organization
U.S. Postage
PAID
Chapel Hill, NC
Permit No. 24